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AUTOMATIC COUNTERS

1987

Prepared by the

State of Montana Department of Highways

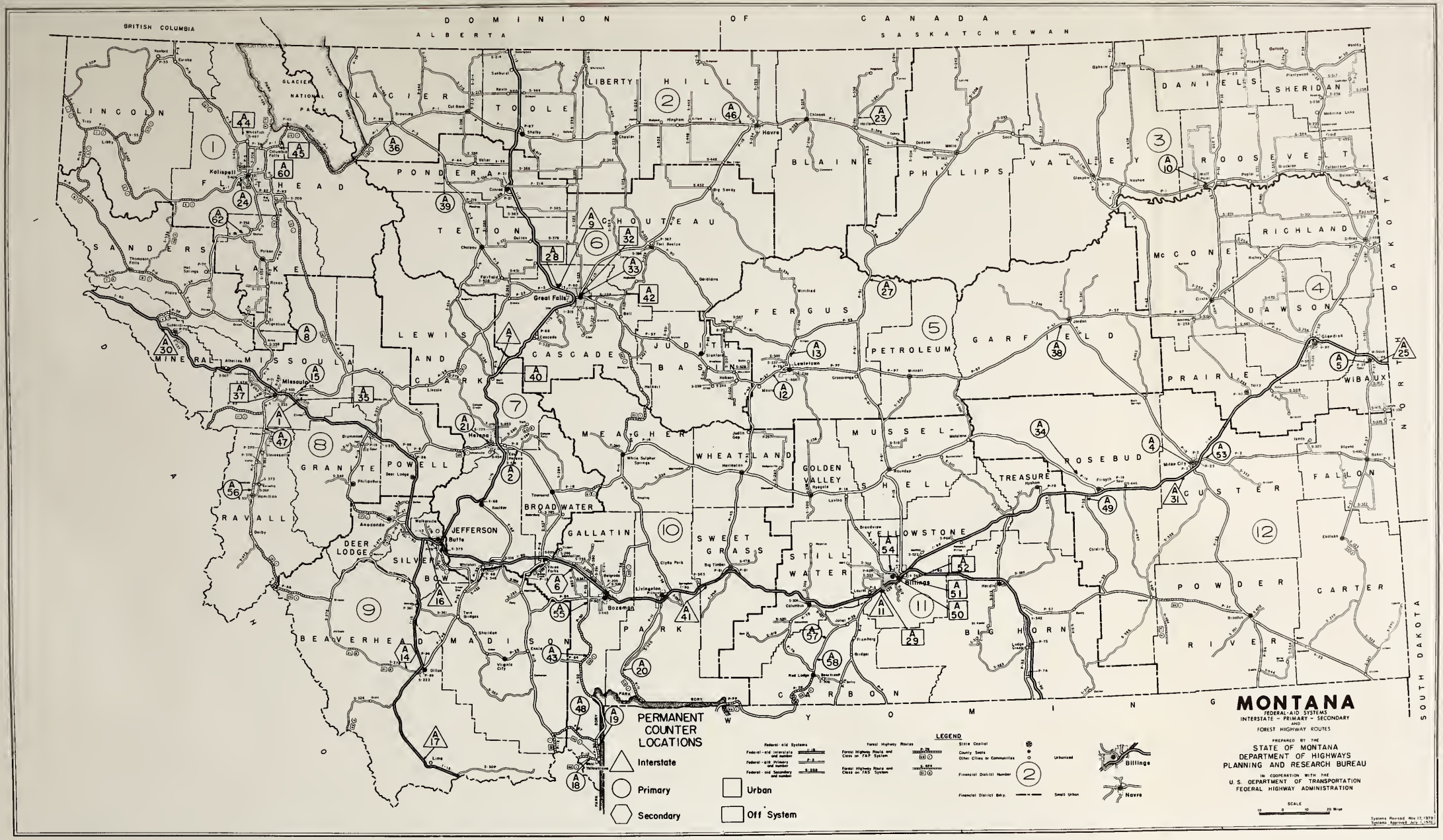
Planning and Statistics Bureau

In cooperation with

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

BUREAU OF PUBLIC ROADS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Interstate
Primary
Secondary
Urban
Off System
LEGEND
Federal-aid Systems
Federal-aid Interstate and number
Federal-aid Primary and number
Federal-aid Secondary and number
Forest Highway Routes
Forest Highway Route and Class on FAP System
Forest Highway Route and Class on FAS System
State Capital
County Seats
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INTRODUCTION

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1987. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 56 automatic traffic counters were in operation during 1987.

At each record the highest, the 10th, the 20th, and the 30th highest hours that occurred during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous five years and historical data recorded to reflect stability and accuracy.

The 56 counters are distributed to the Highways System as follows:

10 on Interstate Principal Arterial Rural	3 on FAU Minor Arterial Urban
18 on Primary Principal Arterial Rural	4 on FAS Major Collector Rural
3 on Primary Principal Arterial Urban	2 on Off System Collector Urban
10 on Primary Minor Arterial Rural	4 on Off System Major Collector Rural
1 on FAU principal Arterial Urban	1 on Off System Minor Collector Rural

30TH. MAXIMUM HOUR

The American Association of Highway officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th. highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways." It is also now used in the design of Primary and Secondary Highways in Montana.

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AUTOMATIC RECORDER DATA BY MONTHS

Station A-1
Location I-90 - 10.0 Miles E. of Missoula

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 53.9 % Pickups 22.6 % Commercial 15.5 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3671	3582	3595	3547	3582	4453	4024	3803	3776	100.72	63.05
February	4409	4112	3872	4088	4430	5264	4605	4397	4353	101.01	72.91
March	5038	4300	4426	4528	4651	5443	4700	4713	4642	101.53	78.15
April	5744	5027	4844	4937	5307	6304	5529	5367	5269	101.86	88.99
May	6465	6104	5615	5547	6056	7339	6558	6293	6190	101.66	104.34
June	8743	7204	7147	7636	7624	8986	8314	7899	7670	102.99	130.97
July	9394	8304	7952	8127	8861	9727	8121	8666	8634	100.37	143.68
August	9233	8098	8114	8168	8602	9599	8862	8674	8496	102.10	143.82
September	7096	6749	6524	6600	6963	8164	7406	7038	6960	101.12	116.70
October	6385	5549	5363	5656	5954	7065	6336	6084	5971	101.89	100.88
November	5914	4310	4669	5474	4885	5606	5355	5169	4956	104.30	85.71
December	4356	3894	4157	4275	4336	4254	4629	4270	4192	101.86	70.80
Daily Average for Year	6368	5602	5523	5715	5938	6850	6203	6031	5926	101.77	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-1
Functional Class Principal Arterial

Route I-90, East of Missoula
Traffic Type ~~Interstate - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1251	290	23.2	216	17.3	196	15.7	195	15.6				
1951	2007	348	17.3					293	14.6				
1961	2238	390	17.4	290	12.9	283	12.6	279	12.5				
1971	3596	540	15.0	487	13.5	470	13.1	460	12.8				
1981	5137	983	19.1	659	12.8	649	12.6	639	12.4				
1982	5091	767	15.1	712	14.0	677	13.3	663	13.0				
1983	5394	786	14.6	709	13.1	691	12.8	685	12.7				
1984	5556	793	14.3	724	13.0	712	12.8	702	12.6				
1985	5482	810	14.8	731	13.3	706	12.9	692	12.6				
1986	5798	860	14.8	770	13.3	748	12.9	737	12.7				
1987	6031	816	13.5	790	13.1	777	12.9	757	12.6				

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AUTOMATIC RECORDER DATA BY MONTHS

Station A-2
Location U.S. 12 & 287 - 9.0 Miles E. of Helena

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 57.1 % Pickups 26.9 % Commercial 13.9 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2708	2381	2279	2265	2301	2997	2921	2569	2463	104.30	77.44
February	3030	2646	2370	2472	2631	3669	3096	3845	2758	103.15	85.76
March	2925	2583	2592	2760	2676	3279	2799	2792	2761	101.12	84.16
April	3681	2941	2647	2710	2983	3962	3465	3175	3030	104.79	95.71
May	3745	3305	3034	2874	3274	4168	3713	3486	3371	103.41	105.08
June	4376	3586	3400	3594	3799	4651	4277	3924	3778	103.86	118.29
July	4810	4044	3812	3935	4194	4864	4165	4267	4191	101.81	128.63
August	4439	3781	3643	3803	4000	4655	4230	4086	3967	103.00	123.17
September	3816	3578	3267	3226	3437	4417	3970	3644	3554	102.53	109.85
October	3592	3056	2782	2987	3161	4035	3533	3333	3240	102.87	100.47
November	3457	2678	2790	3130	2899	3612	3053	3087	3005	102.73	93.06
December	2501	2511	2541	2595	2650	2793	2615	2600	2615	99.43	78.38
Daily Average for Year	3590	2870	2926	3029	3167	3925	3486	3317	3228	102.76	

RLL:1:cm:251:d2

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-2
Functional Class Principal Arterial

Route U.S. 12, East of East Helena
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	3704							433	11.7				
1961	1820	276	15.2	258	14.2	251	13.8	246	13.5				
1971	2651	463	17.5	414	15.6	399	15.1	385	14.5				
*1981	2803	477	17.0	405	14.4	390	13.9	379	13.5				
1982	2879	455	15.8	429	14.9	405	14.1	393	13.7				
1983	3181	581	18.2	494	15.5	449	14.0	427	13.4				
1984	3087	601	19.5	435	14.1	413	13.4	398	12.9				
1985	2991	544	18.2	452	15.1	416	13.9	408	13.6				
1986	3148	542	17.2	434	13.8	414	13.2	404	12.8				
1987	3317	470	14.2	436	13.1	433	13.1	418	12.6				
*New Alignment													

RLL:1:jm:251a2

AUTOMATIC RECORDER DATA BY MONTHS

Station A-5
Location MT 7 - 1.0 Mi. S. of Wibaux

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 41.9 % Pickups 38.6 % Commercial 18.9 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	395	454	478	415	412	503	463	447	453	98.68	71.22
February	444	470	407	479	491	525	501	488	494	98.79	77.74
March	439	457	454	498	519	498	451	471	483	97.52	75.04
April	601	569	587	593	575	605	735	608	586	103.75	96.87
May	710	607	611	639	644	718	711	668	647	103.25	106.43
June	747	690	661	700	647	763	767	708	691	102.46	112.80
July	852	703	709	686	723	784	716	738	722	102.22	117.58
August	1013	724	737	712	766	936	966	842	772	109.07	134.15
September	649	644	665	684	664	776	685	680	685	99.27	108.34
October	594	644	668	682	677	722	688	670	680	98.53	106.74
November	608	638	643	702	633	709	597	645	664	97.14	102.76
December	470	548	585	600	598	570	582	567	582	97.42	90.33
Daily Average for Year	627	596	609	616	612	676	655	628	622	100.96	

RLL:1:cm:251:d3

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-5
Functional Class Minor Arterial

Route Montana 7, South of Wibaux
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1951	330							49	14.9				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0				
1971	577	258	44.7	173	30.0	145	25.1	112	19.4				
1981	863	255	29.5	181	21.0	145	16.8	125	14.5				
1982			Under Construction										
1983			Under Construction										
1984	670	304	45.4	177	26.4	130	19.4	113	16.9				
1985	639	281	44.0	168	26.3	118	18.5	102	16.0				
1986	589	236	40.1	105	17.8	96	16.3	85	14.4				
1987	628	261	41.6	146	23.2	116	18.5	104	16.6				

RLL:1:jm:2513

AUTOMATIC RECORDER DATA BY MONTHS

Station A-6
Location FAS 288 - 0.5 Mi. S. of Manhatten

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 40.4 % Pickups 43.7 % Commercial 14.0 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	402	497	499	487	504	533	481	488	505	96.63	87.26
February	409	470	486	482	527	549	531	493	503	98.01	88.15
March	449	567	589	588	590	629	501	557	591	94.25	99.60
April	527	668	656	686	702	694	601	651	682	95.45	116.41
May	543	643	638	685	673	757	645	654	683	95.75	116.94
June	477	591	592	608	609	661	588	590	610	96.72	105.50
July	486	622	567	588	614	634	598	589	606	97.19	105.32
August	502	592	593	594	576	611	526	568	593	95.78	101.56
September	446	603	628	621	638	687	627	608	634	95.90	108.72
October	464	544	588	582	608	659	579	579	600	96.50	103.53
November	384	511	538	508	512	514	457	486	516	94.19	86.90
December	337	485	464	465	468	464	439	448	469	95.52	80.11
Daily Average for Year	452	566	570	575	585	616	548	559	583	95.88	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-6
Functional Class Major Collector

Route FAS 288, South of Manhattan
Traffic Type ~~Secondary~~ Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1951	348							52	14.9				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3				
1971	389	97	14.9	67	17.2	56	14.4	52	13.4				
1981	496	105	21.2	73	14.7	66	13.3	63	12.7				
1982	505	92	18.2	78	15.4	69	13.7	65	12.9				
1983	509	89	17.5	73	14.3	67	13.2	64	12.6				
1984	564	136	24.1	99	17.6	79	14.0	73	12.9				
1985	534	128	24.0	84	15.7	75	14.0	69	12.9				
1986	543	104	19.2	72	13.3	69	12.7	67	12.3				
1987	559	102	18.2	83	14.8	74	13.2	69	12.3				

RLL:1:jm:251a4

AUTOMATIC RECORDER DATA BY MONTHS

Station A-7
Location I 15 - 2.5 Mi. N. of Wolf Creek

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 61.6 % Pickups 18.2 % Commercial 13.2 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2086	1699	1698	1773	1734	2235	2144	1922	1842	104.34	77.65
February	2113	2021	1788	1893	1935	2570	2325	2092	2041	102.50	84.52
March	2458	1867	1979	2146	2136	2671	2494	2236	2138	104.58	90.34
April	3335	2381	2222	2309	2504	3355	3034	2712	2541	106.73	109.57
May	2840	2393	1968	2003	2095	3043	2873	2504	2336	107.19	101.17
June	3335	2309	2258	2460	2484	3254	3151	2719	2528	107.56	109.86
July	3625	2721	2718	2772	2866	3247	2892	2976	2877	103.44	120.24
August	3333	2421	2445	2652	2698	3127	3187	2851	2657	107.30	115.19
September	2865	2543	2158	2280	2376	3116	3004	2593	2469	105.02	104.77
October	2780	2270	2184	2301	2412	3184	2850	2592	2500	103.68	104.72
November	2846	1896	2038	2487	2236	2739	2544	2396	2261	105.97	96.80
December	2211	1961	1991	2015	1995	2240	2421	2108	2035	103.59	85.17
Daily Average for Year	2819	2207	2121	2258	2289	2898	2742	2475	2352	105.23	

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PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-7
Functional Class Principal Arterial

Route I-15, North of Wolf Creek
Traffic Type ~~Interstate - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1951	886							135	15.2				
1961	1096	176	16.1	157	14.3	148	13.5	143	13.0				
1971	1647	338	20.5	259	15.7	250	15.2	246	14.9				
1981	2169	434	20.0	333	15.4	304	14.0	297	13.7				
1982	2173	433	19.9	351	16.2	321	14.8	315	14.5				
1983	2364	466	19.7	358	15.1	342	14.5	331	14.0				
1984	2331	447	19.2	355	15.2	329	14.1	319	13.7				
1985	2440	380	15.6	356	14.6	345	14.1	336	13.8				
1986	2439	409	16.8	363	14.9	344	14.1	333	13.7				
1987	2475	433	17.5	361	14.6	334	13.5	327	13.2				

RLL:1:jm:2515

AUTOMATIC RECORDER DATA BY MONTHS

Station A-8
Location U.S. 93 - 0.5 Mi. S. of Ravalli

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 53.2 % Pickups 28.3 % Commercial 15.8 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2914	3368	3406	3479	3388	4156	3530	3485	3579	97.37	71.02
February	3481	3633	3621	3785	3980	4616	4093	3887	3927	98.98	79.21
March	3811	3742	3982	3881	3996	4505	4230	4004	4007	99.93	81.60
April	4430	4328	4263	4336	4489	5320	4616	4532	4535	99.93	92.36
May	4958	4849	4611	4531	4736	5893	5276	5018	4970	100.97	102.26
June	6070	5354	5416	5469	5595	6701	6059	5781	5678	101.81	117.81
July	7645	6802	6378	6489	7076	7974	7044	7069	6973	101.38	144.06
August	6742	6284	6210	6408	6585	7271	6601	6582	6539	100.66	134.15
September	5082	5356	5154	5192	5421	6560	5687	5472	5503	99.44	111.51
October	4481	4603	4407	4711	4956	5746	4907	4866	4927	98.76	99.16
November	3808	3908	4114	4612	4165	4816	4148	4200	4303	97.61	85.59
December	3322	3929	4086	4066	4130	4210	4091	3988	4086	97.60	81.27
Daily Average for Year	4729	4680	4637	4362	4876	5647	5024	4907	4919	99.76	

RLL:1:cm:251:d6

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-8
Functional Class Principal Arterial

Route U.S. 93, South of Ravalli
Traffic Type ~~Primary~~ ~~Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1951	1357							224	16.5				
1961	1811	527	29.1	305	16.8	281	15.5	271	15.0				
1971	2922	551	18.9	462	15.8	425	14.4	414	14.2				
1981	3932	638	16.2	553	14.1	529	13.5	515	13.1				
1982	3913	774	19.8	592	15.1	564	14.4	540	13.8				
1983	4336	705	16.3	604	13.9	582	13.4	566	13.1				
1984	4442	641	14.4	590	13.3	564	12.7	553	12.5				
1985	4297	662	15.4	601	14.0	578	13.5	565	13.1				
1986	4570	717	15.7	647	14.2	601	13.2	591	12.9				
1987	4907	745	15.2	650	13.2	632	12.9	608	12.4				

RLL:1:jm:251a6

AUTOMATIC RECORDER DATA BY MONTHS

Station A-9
Location I 15 - 7.0 Miles W. of Great Falls

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 52.4 % Pickups 32.7 % Commercial 9.8 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3893	4450	4473	4364	4339	5313	4723	4535	4609	98.39	80.99
February	4094	4438	4518	4504	4805	5580	4870	4687	4769	98.28	83.71
March	3991	4634	4743	4831	4439	5245	4804	4649	4770	97.46	83.03
April	5179	5357	5133	5167	5512	6607	5601	5497	5535	99.31	98.18
May	5335	5429	5249	5343	5564	6501	6026	5666	5659	100.12	101.19
June	6043	5731	6026	5667	5902	6878	5744	5991	6026	99.42	107.00
July	6774	6864	6699	7083	7157	7917	6466	7032	7175	98.01	125.59
August	6350	6650	6583	6651	6857	7628	6815	6772	6863	98.67	120.95
September	5584	5927	5739	5708	5942	7167	6401	6044	6063	99.69	107.95
October	5181	5428	5430	5561	5911	6682	5841	5760	5847	98.51	102.87
November	5048	5006	4958	5486	5256	6237	5683	5358	5370	99.78	95.69
December	4561	5257	5314	5257	5174	5319	5475	5199	5262	98.80	92.85
Daily Average for Year	5169	5431	5405	5469	5572	6423	5704	5599	5662	98.89	

RLL:1:cm:251:d7

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-9
Functional Class Principal Arterial

Route I-15, West of Gt. Falls
Traffic Type ~~Interstate~~ Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1490	277	18.6	224	15.0	207	13.9	195	13.1				
1951	2497							307	12.3				
1961	3613	692	19.2	455	12.6	420	11.6	411	11.4				
1971	4789	675	14.1	590	12.3	538	11.2	520	10.9				
1981	5209	681	13.1	596	11.4	579	11.1	562	10.8				
1982	5195	730	14.1	629	12.1	600	11.6	583	11.2				
1983	5397	711	13.2	646	12.0	610	11.3	597	11.1				
1984	5416	685	12.7	609	11.2	586	10.8	578	10.7				
1985	5312	658	12.4	601	11.3	581	10.9	567	10.7				
*1986	5553			OUT OF SERVICE AUG., SEPT., & OCT. CONSTRUCTION									
1987	5599	703	12.6	642	11.5	627	11.2	610	10.9				

*ADT Estimated

AUTOMATIC RECORDER DATA BY MONTHS

Station A-10
Location U.S. 2 - 2.0 Miles E. of Wolf Point

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 51.0 % Pickups 34.4 % Commercial 11.4 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	980	1620	1835	1710	1631	2016	1499	1623	1768	91.80	79.26
February	1060	1697	1850	1855	1998	2068	1543	1724	1893	91.07	84.20
March	1140	1846	1864	1968	1963	2129	1478	1755	1945	90.23	85.71
April	1297	2137	2057	2115	2185	2297	1856	2002	2157	92.81	97.77
May	1422	1960	2142	2224	2280	2545	1959	2066	2245	92.03	100.90
June	1779	2483	2383	2523	2599	2812	2185	2397	2548	94.07	117.07
July	2073	2713	2512	2624	2840	2967	2248	2591	2741	94.53	126.54
August	1813	2545	2508	2591	2708	2815	2292	2443	2629	92.93	119.31
September	1381	2045	2319	2338	2385	2569	2024	2163	2331	92.79	105.64
October	1334	2057	2159	2238	2318	2482	1888	2084	2264	92.05	101.78
November	1303	2037	2073	2057	1844	2205	1712	1875	2043	91.78	91.57
December	1195	2027	1995	2061	1952	1957	1634	1848	1999	92.45	90.25
Daily Average for Year	1398	2097	2141	2192	2225	2405	1860	2048	2214	92.50	

RLL:1:cm:251:d8

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-10
Functional Class Principal Arterial

Route U.S. 2, East of Wolf Point
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1951	920							109	11.9				
1961	1347	218	16.2	195	14.5	164	12.2	150	11.1				
1971	1648	305	18.5	211	12.8	198	12.0	191	11.6				
1981	2471	340	13.8	292	11.8	284	11.5	273	11.0				
1982	2257	292	12.9	267	11.8	261	11.6	258	11.4				
1983	2301	298	13.0	274	11.9	268	11.7	260	11.3				
1984	2307	312	13.5	278	12.1	269	11.7	266	11.5				
1985	2207	284	12.9	263	11.9	258	11.7	253	11.5				
1986	2105	298	14.2	276	13.1	266	12.6	260	12.4				
1987	2048	305	14.9	273	13.3	266	12.9	262	12.8				

RLL:1:jm:251a8

AUTOMATIC RECORDER DATA BY MONTHS

Station A-11
Location I 90 - 6.0 Miles W. of Billings

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 56.6 % Pickups 25.9 % Commercial 13.0 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8789	10385	10241	10510	10068	12109	10867	10481	10701	97.94	80.08
February	10058	10631	10062	10387	10892	12906	12055	10999	10976	100.21	84.04
March	9908	10974	11489	11567	11792	12715	11253	11328	11664	97.12	86.55
April	11628	12307	11838	12044	12554	14245	12641	12454	12571	99.07	95.16
May	12292	12821	12746	12874	13401	14859	13360	13223	13412	98.59	101.03
June	14858	14827	14715	15101	15093	16729	15369	15210	15246	99.76	116.21
July	15336	17264	15275	15842	16482	17733	15474	16248	16541	98.23	124.14
August	15785	15478	15462	15870	15833	17636	16215	16019	16028	99.94	122.40
September	13038	13747	13421	13629	13937	16004	14773	14042	14091	99.65	107.29
October	11679	12690	12446	13004	13512	15155	13367	13208	13450	98.20	100.92
November	11011	11951	11858	12619	11425	13807	12719	12151	12314	98.68	92.84
December	10002	12272	11614	12123	11610	11835	12331	11693	11877	98.45	89.34
Daily Average for Year	12032	12946	12597	12964	13050	14644	13369	13088	13239	98.86	

RLL:1:cm:251:d9

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-11
Functional Class Principal Arterial

Route I-90, West of Billings
Traffic Type ~~Interstate - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2913	564	19.4	423	14.5	388	13.3	370	12.7				
1951	4659							536	11.5				
1961		UNDER CONSTRUCTION											
1971	7638	927	12.1	835	10.9	799	10.5	781	10.2				
1981	10948	1291	11.8	1185	10.8	1143	10.4	1117	10.2				
1982	11331	1368	12.1	1232	10.9	1201	10.6	1174	10.4				
1983	11648	1455	12.5	1264	10.9	1214	10.4	1199	10.2				
1984	12248	1540	12.6	1328	10.8	1280	10.5	1261	10.3				
1985	12339	1561	12.7	1344	10.9	1315	10.7	1283	10.4				
1986	12678	1514	11.9	1366	10.8	1311	10.3	1286	10.1				
1987	13088	1565	11.9	1396	10.7	1362	10.4	1333	10.2				

RLL:1:jm:2519

AUTOMATIC RECORDER DATA BY MONTHS

Station A-12
Location U.S. 87 & MT 200 - 6.0 Miles West of Lewistown

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 44.1 % Pickups 32.2 % Commercial 16.1 %

MONTH	Average Daily Number of Vehicles										
	Day of Week							Average Day	Average Weekday	Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1096	1232	1383	1254	1288	1571	1232	1300	1353	96.08	74.32
February	1225	1307	1375	1352	1426	1715	1386	1398	1435	97.42	79.92
March	1104	1370	1474	1468	1340	1481	1134	1336	1426	93.69	76.38
April	1465	1640	1606	1587	1632	1940	1563	1632	1675	97.43	93.30
May	1728	1784	1796	1686	1772	2211	1795	1833	1867	98.18	104.79
June	2137	2012	1946	1937	2036	2378	2015	2060	2054	100.29	117.77
July	2147	2145	1926	1948	2135	2391	1965	2100	2115	99.29	120.06
August	2010	2056	1962	2055	2145	2489	2098	2110	2137	98.74	120.63
September	1862	1907	1858	1814	1999	2419	1931	1961	1984	98.84	112.11
October	1881	1942	1891	1887	1985	2292	2000	1993	2012	99.06	113.94
November	1620	1651	1766	1839	1773	1987	1705	1754	1796	97.66	100.28
December	1214	1557	1654	1545	1542	1638	1392	1513	1586	95.40	86.50
Daily Average for Year	1624	1717	1720	1698	1756	2043	1685	1749	1787	97.87	

RLL:1:cm:251:d10

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-12
Functional Class Principal Arterial

Route U.S. 87 & Mont. 200, West Lewistown
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1951	1132							137	12.1				
1961	1491	194	13.0	172	11.5	167	11.2	163	10.9				
1971	1498	315	21.0	181	12.1	171	11.4	165	11.0				
1981	1698	247	14.5	215	12.7	201	11.8	200	11.7				
1982	1655	245	14.8	214	12.9	204	12.3	199	12.0				
1983	1702	276	16.2	216	12.7	207	12.2	200	11.8				
1984	1725	233	13.5	216	12.5	205	11.9	201	11.7				
1985	1699	336	19.8	227	13.4	216	12.7	211	12.4				
1986	1737	332	19.1	225	13.0	216	12.4	209	12.0				
1987	1749	538	30.8	226	12.9	217	12.4	210	12.0				

RLL:1:jm:251a10

AUTOMATIC RECORDER DATA BY MONTHS

Station A-13
Location U.S. 191 - 7.0 Miles North of Lewistown

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 45.7 % Pickups 41.5 % Commercial 9.2 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	700	911	997	916	914	1073	816	907	965	93.99	75.40
February	880	893	1015	962	1012	1182	965	987	1013	97.43	82.05
March	698	897	1042	998	946	999	854	915	976	93.75	76.07
April	960	1172	1169	1111	1165	1301	1126	1143	1179	96.95	95.02
May	1163	1206	1253	1105	1178	1426	1180	1220	1243	98.15	101.42
June	1435	1358	1332	1337	1408	1547	1378	1395	1392	100.22	115.97
July	1483	1406	1440	1421	1429	1588	1393	1454	1460	99.59	120.87
August	1253	1354	1315	1288	1385	1504	1389	1353	1369	98.83	112.48
September	1185	1294	1292	1219	1273	1522	1401	1309	1314	99.62	108.82
October	1353	1285	1337	1265	1375	1568	1523	1396	1376	101.45	116.05
November	1209	1250	1250	1265	1267	1418	1265	1272	1288	98.76	105.74
December	858	1117	1199	1077	1128	1191	982	1084	1141	95.00	90.11
Daily Average for Year	1098	1179	1220	1164	1207	1360	1189	1203	1226	98.12	

RLL:1:cm:251:d11

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-13
Functional Class Minor Arterial

Route U.S. 191, North of Lewistown
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1951	593							85	14.3				
1961	1239	212	17.1	172	13.9	166	13.4	162	13.1				
1971	1083	161	14.9	135	12.5	131	12.1	127	11.7				
1981	1223	157	12.8	147	12.0	141	11.5	137	11.2				
1982	1141	174	15.3	144	12.6	138	12.1	135	11.8				
1983	1172	176	15.0	148	12.6	140	12.0	135	11.5				
1984	1143	169	14.8	147	12.9	138	12.1	135	11.8				
1985	1107	167	15.1	146	13.2	140	12.6	135	12.2				
1986	1106	156	14.1	135	12.2	132	11.9	129	11.7				
1987	1203	181	15.0	157	13.1	147	12.2	144	12.0				

RLL:1:jm:251a11

AUTOMATIC RECORDER DATA BY MONTHS

Station A-14
Location FAS 278 - 7.0 Miles S.W. of Dillon

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 37.1 % Pickups 44.3 % Commercial 9.3 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	347	322	330	316	358	340	387	345	335	102.99	70.28
February	432	327	306	336	343	353	385	355	333	106.61	72.31
March	390	327	320	329	328	363	359	345	333	103.60	70.28
April	403	355	367	383	385	420	432	391	382	102.36	79.65
May	528	421	407	462	454	521	508	476	456	104.39	96.96
June	640	560	531	589	581	646	621	592	578	102.42	120.59
July	890	682	665	651	689	696	812	722	677	106.65	147.07
August	693	579	571	605	593	660	650	623	600	103.83	126.91
September	663	626	522	559	577	642	638	600	581	103.27	122.22
October	632	521	491	516	512	583	593	551	527	104.55	112.24
November	520	465	514	489	475	535	550	506	494	102.43	103.07
December	425	363	355	383	392	367	421	385	373	103.22	78.42
Daily Average for Year	547	462	448	468	474	511	530	491	472	104.03	

RLL:1:cm:251:d12

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-14
Functional Class Major Collector

Route FAS 278, Southwest of Dillon
Traffic Type ~~Secondary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1951	342							53	15.4				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5				
1971	405	107	26.4	74	18.3	65	16.0	60	14.8				
1981	435	144	33.1	87	20.0	73	16.8	66	15.2				
1982	422	120	28.4	72	17.1	69	16.4	66	15.6				
1893	443	94	21.2	77	17.4	70	15.8	66	14.9				
1984	425	118	27.8	96	22.6	82	19.3	76	17.9				
1985	433	105	24.2	88	20.3	77	17.8	70	16.2				
1986	457	112	24.5	92	20.1	72	15.8	67	14.7				
1987	491	117	23.8	84	17.1	78	15.9	75	15.3				

RLL:1:jm:251a12

AUTOMATIC RECORDER DATA BY MONTHS

Station A-15
Location MT 200 - 4.0 Miles N.E. of Bonner

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 46.2 % Pickups 31.4 % Commercial 17.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1559	1785	1804	1788	1679	2072	1712	1776	1830	97.05	62.61
February	1669	1856	1964	1976	2044	2255	1776	1934	2019	95.79	68.18
March	2047	2033	2029	2005	2036	2266	2003	2057	2070	99.37	72.52
April	2628	2271	2144	2193	2427	2714	2390	2390	2346	101.88	84.26
May	3485	3300	2659	2572	2701	3523	3386	3125	2978	104.94	110.17
June	4802	3234	3212	3250	3363	4154	4318	3726	3422	108.88	131.36
July	4872	3722	3407	3567	3813	4309	3962	3945	3781	104.34	139.08
August	4305	3288	3293	3373	3438	3930	3832	3653	3456	105.70	128.79
September	3770	3330	2955	2965	3031	3632	3585	3300	3162	104.36	116.34
October	3285	2904	2728	2780	2907	3412	3098	3028	2966	102.09	106.75
November	3229	2638	2715	3030	2755	3337	3013	2958	2883	102.60	104.28
December	1675	2123	2309	2279	2318	2200	2003	2146	2253	95.25	75.66
Daily Average for Year	3111	2707	2602	2648	2709	3150	2923	2837	2764	102.64	

RLL:1:cm:251:d13

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-15
Functional Class Principal Arterial

Route Mont. 200, Northeast of Bonner
Traffic Type ~~Primary~~ Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1951	492							128	26.1				
1961	1231	311	25.3	213	17.3	201	16.3	188	17.3				
1971	1811	399	22.0	340	18.8	321	17.7	302	16.7				
1981	2392	505	21.1	401	16.8	376	15.7	363	15.2				
1982	2232	446	20.0	381	17.1	364	16.3	349	15.6				
1983	2364	536	22.7	431	18.2	388	16.4	373	15.8				
1984	2529	539	21.3	411	16.3	386	15.3	374	14.8				
1985	2534	693	27.3	436	17.2	413	16.3	393	15.5				
1986	2734	505	18.5	447	16.4	438	16.0	427	15.6				
1987	2837	590	20.8	488	17.2	445	15.7	434	15.3				

RLL:1:jm:251a13

AUTOMATIC RECORDER DATA BY MONTHS

Station A-16
Location I 15 & 90 - 3.0 Miles West of Butte

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 58.5 % Pickups 23.7 % Commercial 11.8 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	6722	6800	7091	6923	6957	7853	7539	7158	7150	100.11	73.04
February	7610	7057	7247	7438	8001	9098	8557	7858	7768	101.16	80.19
March	8199	7639	8048	8361	8512	9173	8390	8296	8301	99.94	84.66
April	8951	8661	8624	9015	9500	10786	9437	9280	9312	99.66	94.70
May	9985	9604	9353	9491	9807	11404	10449	10071	10002	100.69	102.77
June	12327	11045	11213	11742	12006	13386	12344	11950	11810	101.19	121.94
July	12895	12406	12461	12416	12963	13350	12205	12694	12744	99.61	129.54
August	12817	12213	12648	12624	12834	13549	13036	12805	12747	100.46	130.67
September	10914	10918	10976	10946	11575	12755	11705	11369	11391	99.81	116.02
October	8952	9031	9203	9311	9674	10635	9564	9528	9624	99.00	97.23
November	8726	7809	8189	8803	8229	9461	8963	8575	8465	101.30	87.50
December	7370	8001	8197	8084	8014	8053	8285	8010	8073	99.22	81.74
Daily Average for Year	9622	9265	9438	9596	9839	10792	10065	9800	9782	100.18	

RLL:1:cm:251:d14

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-16
Functional Class Principal Arterial

Route I-90 & I-15, West of Butte
Traffic Type ~~Interstate - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	4027							507	12.6				
1961	4495	619	13.8	543	12.1	523	11.6	513	11.4				
1971	7123	884	12.4	845	11.9	828	11.6	817	11.5				
1981	8566	1008	11.8	974	11.4	950	11.1	936	10.9				
1982	8376	1110	13.3	1018	12.2	989	11.8	975	11.6				
1983	8404	1018	12.1	980	11.7	957	11.4	943	11.2				
1984	8815	1050	11.9	1001	11.4	985	11.2	961	10.9				
1985	8754	1061	12.1	997	11.4	981	11.2	968	11.1				
1986	8949	1061	11.9	1017	11.4	988	11.0	972	10.9				
1987	9800	1125	11.5	1076	11.0	1055	10.8	1048	10.7				

RLL:1:jm:251a14

AUTOMATIC RECORDER DATA BY MONTHS

Station A-17
Location I 15 - 3.5 Miles North of Lima

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 51.9 % Pickups 16.8 % Commercial 18.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1065	958	993	1012	1047	1195	1245	1082	1048	103.24	75.02
February	1146	994	1031	1087	1142	1270	1174	1120	1105	101.36	77.66
March	1305	1094	1142	1226	1078	1357	1362	1219	1174	103.86	84.52
April	1418	1238	1191	1307	1543	1716	1452	1410	1401	100.64	97.76
May	1419	1404	1284	1330	1440	1665	1414	1430	1436	99.85	99.15
June	1914	1590	1583	1660	1660	1906	1831	1725	1671	103.23	119.61
July	2178	1872	1718	1837	2077	2262	1915	1987	1967	101.02	137.77
August	2164	1812	1825	1831	1912	2131	2069	1968	1898	103.69	136.45
September	1564	1540	1392	1419	1593	1851	1569	1551	1545	100.39	107.54
October	1519	1351	1295	1366	1455	1619	1393	1434	1428	100.42	99.43
November	1491	1104	1189	1451	1168	1303	1332	1291	1236	104.45	89.51
December	1200	1119	1107	1118	895	864	1362	1090	1023	106.55	75.58
Daily Average for Year	1532	1340	1313	1387	1418	1595	1510	1442	1411	102.20	

RLL:1:cm:251:d15

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-17
Functional Class Principal Arterial

Route I-15, North of Lima
Traffic Type ~~Interstate~~ ~~Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	388							46	11.8				
1961	593	86	14.5	75	12.6	72	12.1	68	11.5				
1971	785	153	19.5	113	14.4	109	13.9	106	13.5				
1981	1251	187	14.9	171	13.4	162	12.9	157	12.5				
1982	1280	209	16.3	178	13.9	167	13.0	163	12.7				
1983	1283	224	17.5	198	15.4	177	13.8	171	13.3				
1984	1296	231	17.8	194	15.0	182	14.0	173	13.4				
1985	1315	239	18.2	191	14.5	182	13.8	175	13.3				
1986	1383	225	16.3	198	14.3	191	13.8	183	13.2				
1987	1442	253	17.5	210	14.6	198	13.7	191	13.2				

RLL:1:jm:251a15

AUTOMATIC RECORDER DATA BY MONTHS

Station A-18
Location U.S. 20 - 0.5 Miles West of West Yellowstone

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	724	644	633	611	736	846	834	727	703	103.41	37.53
February	1015	826	726	747	861	1044	1121	906	841	107.73	46.77
March	1027	813	804	819	867	995	997	901	855	105.38	46.51
April	1115	944	946	1007	999	1145	1151	1041	1008	103.27	53.74
May	2172	1778	1449	1562	1646	1856	2242	1842	1667	110.50	95.08
June	3500	3009	3001	2983	3053	3471	3739	3234	3094	104.52	166.94
July	4332	4242	4246	4105	4207	4814	4809	4392	4330	101.43	226.71
August	4117	3824	4045	4046	4046	4347	4433	4123	4050	101.80	212.83
September	3025	2672	2367	2244	2457	2873	3180	2663	2503	106.39	137.46
October	1767	1439	1397	1359	1583	1704	1746	1581	1510	104.70	81.61
November	1066	876	965	1040	912	980	995	976	951	102.63	50.38
December	918	937	891	872	829	690	887	861	847	101.65	44.44
Daily Average for Year	2065	1834	1789	1783	1850	2064	2178	1937	1863	103.97	

RLL:1:cm:251:d16

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-18
Functional Class Principal Arterial

Route U.S. 20 & 191, West of West Yellowstone
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	529							131	24.8				
1961				UNDER CONSTRUCTION									
1971	1262	384	30.4	328	26.0	312	24.7	286	22.7				
1981	1618	421	26.0	360	22.2	345	21.3	336	20.8				
1982	1585	402	25.4	370	23.3	360	22.7	348	22.0				
1983	1653	522	31.6	386	23.4	363	22.0	355	21.5				
1984	1674	412	24.6	383	22.9	368	22.0	360	21.5				
1985	1717	440	25.6	395	23.0	376	21.9	363	21.1				
1986	1820	445	24.5	401	22.0	388	21.3	377	20.7				
1987	1937	435	22.6	403	20.8	394	20.3	376	19.4				

RLL:1:jm:251a16

AUTOMATIC RECORDER DATA BY MONTHS

Station A-19
Location U.S. 191 & 287 - 7.7 Miles North of West Yellowstone

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 41.7 % Pickups 32.3 % Commercial 22.2 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	846	750	749	776	825	949	916	837	817	102.45	45.16
February	1088	882	811	943	975	1116	1178	999	945	105.71	53.90
March	1062	923	971	993	1018	1147	1103	1026	1004	102.19	55.36
April	1063	1040	1059	1150	1146	1247	1259	1138	1130	100.71	61.40
May	1919	1668	1491	1580	1612	1788	1942	1730	1635	105.81	93.35
June	3008	2634	2633	2551	2684	2900	2970	2759	2676	103.10	148.87
July	3618	3498	3487	3491	3511	3708	3598	3650	3543	100.48	192.09
August	3485	3238	3414	3497	3330	3539	3502	3427	3396	100.91	184.91
September	2766	2512	2345	2279	2434	2662	2770	2523	2434	103.66	136.13
October	1686	1758	1709	1718	1830	1888	1880	1789	1788	100.06	96.53
November	1498	1356	1467	1524	1295	1359	1372	1411	1398	100.93	76.13
December	1056	1228	1067	1071	1033	828	1093	1041	1029	101.17	56.17
Daily Average for Year	1925	1782	1767	1798	1808	1928	1965	1853	1816	102.04	

RLL:1:cm:251:d17

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-19
Functional Class Principal Arterial

Route U.S. 191, North of West Yellowstone
Traffic Type ~~Primary~~ Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	468							120	25.6				
1961	802	285	35.5	220	27.4	212	26.4	204	25.4				
1971	1142	301	26.4	258	22.6	244	21.4	227	19.9				
1981	1481	383	25.9	303	20.5	288	19.4	284	19.2				
1982	1536	421	27.4	339	22.1	309	20.1	299	19.5				
1983	1601	387	24.2	316	19.7	308	19.2	298	18.6				
1984	1629	377	23.1	336	20.6	316	19.4	301	18.5				
1985	1601	337	21.0	311	19.4	298	18.6	290	18.1				
1986	1698	355	20.9	322	19.0	311	18.3	305	18.0				
1987	1853	338	18.2	313	16.9	305	16.4	300	16.2				

RLL:1:jm:251a17

AUTOMATIC RECORDER DATA BY MONTHS

Station A-20
Location U.S. 89 - 17.0 Miles North of Gardiner

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 46.6 % Pickups 32.8 % Commercial 5.3 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	720	635	536	487	720	804	825	686	648	105.86	57.10
February	735	540	526	546	572	695	747	623	576	108.16	51.86
March	578	626	659	643	645	755	696	654	663	98.64	54.43
April	860	670	735	750	767	913	882	806	782	103.07	67.09
May	1261	1131	1012	1086	1087	1218	1355	1175	1112	105.67	97.80
June	2111	1749	1797	1652	1739	1954	1900	1838	1778	103.37	152.99
July	2390	2404	2291	2209	2248	2438	2284	2321	2315	100.26	193.19
August	2278	2083	2172	2151	2136	2344	2210	2196	2173	101.06	182.78
September	1718	1652	1503	1412	1588	1744	1852	1626	1569	103.63	135.34
October	1032	896	868	857	951	1143	1132	991	952	104.10	82.48
November	850	736	710	748	809	997	957	827	797	103.76	68.84
December	618	689	661	631	704	693	727	674	674	100.00	56.10
Daily Average for Year	1262	1158	1123	1098	1164	1308	1297	1201	1170	102.65	

RLL:1:cm:251:d18

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-20
Functional Class Minor Arterial

Route U.S. 89, North of Gardiner
Traffic Type ~~Primary~~ Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	386							91	23.6				
1961					UNDER CONSTRUCTION								
1971	655	167	25.5	144	22.0	134	20.5	131	20.0				
1981	932	198	21.2	178	19.1	173	18.6	169	18.1				
1982	933	207	22.2	180	19.3	173	18.5	169	18.1				
1983	995	231	23.2	191	19.2	187	18.8	185	18.6				
1984	1012	225	22.2	199	19.7	188	18.6	182	18.0				
1985	1002	200	20.0	181	18.1	175	17.5	172	17.2				
1986	1099	253	23.0	206	18.7	198	18.0	193	17.6				
1987	1201	246	20.5	220	18.3	211	17.6	205	17.1				

RLL:1:jm:251a18

AUTOMATIC RECORDER DATA BY MONTHS

Station A-21
Location Mont. Avenue between Billings & Missoula Avenues - Helena

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	12945	19910	20163	19643	18582	22150	18265	18891	20115	93.91	92.28
February	14292	19670	20618	20711	21004	23313	20382	19999	21063	94.95	97.69
March	14416	20914	21139	21209	20683	23465	20357	20168	21441	94.06	98.52
April	14370	21594	21028	22075	22573	24805	20337	21059	22407	93.98	102.86
May	15672	19797	21780	21880	22644	25612	21529	21241	22498	94.41	103.76
June	15047	22905	22976	23346	23343	25234	20209	21937	23505	93.33	107.16
July	15357	22966	22787	23509	23709	23861	18089	21683	23409	92.63	105.92
August	15322	23009	22859	22996	23297	25019	19393	21461	23416	91.65	104.83
September	14346	19472	21654	20670	21525	24634	19188	20276	21552	94.08	99.04
October	13977	20077	20396	20982	21777	24189	20001	20373	21620	94.23	99.52
November	13273	19925	20331	20961	17940	22354	18389	18863	20284	92.99	92.14
December	14054	20850	21017	21352	21413	19196	18926	19710	20830	94.62	96.28
Daily Average for Year	14443	20924	21396	21611	21541	23653	19589	20472	21845	93.71	

RLL:1:cm:251:d19

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-21
Functional Class Principal Arterial

Route U.S. 12, Mont. Ave. Helena
Traffic Type ~~Urban~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1957	6730							700	10.4				
1961	7971	881	11.1	846	10.6	832	10.4	832	10.4				
1971	13549	1656	12.2	1538	11.4	1507	11.1	1507	10.7				
1981	18124	2208	12.2	1979	10.9	1916	10.6	1891	10.4				
1982	18725	2192	11.7	2029	10.8	1985	10.6	1971	10.5				
1983	19459	2178	11.2	2042	10.5	2002	10.3	1977	10.2				
1984	19453	2208	11.4	2078	10.7	2047	10.5	2030	10.4				
1985	20701	2366	11.4	2252	10.9	2207	10.7	2177	10.5				
1986	20184	2484	12.3	2180	10.8	2123	10.5	2103	10.4				
1987	20472	2349	11.5	2176	10.6	2124	10.4	2098	10.2				

RLL:1:jm:251a19

AUTOMATIC RECORDER DATA BY MONTHS

Station A-23
Location FAS 241 - 2.5 Miles North of Harlem

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 30.9 % Pickups 47.2 % Commercial 18.3 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	177	258	283	276	219	279	230	246	262	93.89	77.30
February	203	292	296	268	254	298	253	266	282	94.33	83.58
March	204	277	288	270	293	302	256	269	286	94.06	84.52
April	271	345	343	330	337	374	321	332	345	96.23	104.32
May	255	313	299	328	316	352	321	312	323	96.59	98.04
June	273	327	341	341	363	368	332	335	347	96.54	105.26
July	293	363	377	376	380	384	346	362	376	96.28	113.75
August	300	373	355	376	418	406	357	367	385	95.32	115.32
September	286	328	370	348	387	422	366	358	370	96.76	112.49
October	293	327	339	355	331	401	352	344	352	97.73	108.09
November	278	345	334	339	297	341	342	324	332	97.59	101.81
December	216	326	313	324	316	344	279	304	324	93.83	95.52
Daily Average for Year	254	323	328	328	326	356	313	318	332	95.78	

RLL:1:cm:251:d20

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-23
Functional Class Major Collector

Route FAS 241, North of Harlem
Traffic Type ~~Secondary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1957	214							32	14.8				
1961	205	40	19.5	33	16.1	31	15.1	30	14.6				
1971	313	55	17.6	49	15.7	45	14.4	43	13.7				
1981	340	64	18.8	48	14.1	45	13.2	45	13.2				
1982	320	57	17.8	46	14.4	44	13.8	43	13.4				
1983	358	125	34.9	90	25.1	76	21.2	57	15.9				
1984	319	53	16.6	48	15.1	45	14.1	44	13.8				
1985	295	62	21.0	43	14.6	42	14.2	40	13.6				
1986	290	52	17.9	46	15.9	43	14.8	42	14.5				
1987	318	56	17.6	46	14.5	43	13.5	42	13.2				
RLL:1:jm:251:20													

AUTOMATIC RECORDER DATA BY MONTHS

Station A-24
Location U.S. 2 - 1.3 Miles West of Kalispell

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 41.7 % Pickups 39.5 % Commercial 15.0 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2989	4407	4472	4584	4257	4769	3793	4190	4499	93.13	79.31
February	3454	4576	4730	4851	4911	5076	4249	4550	4839	94.22	86.13
March	3497	4511	4550	4619	4462	4523	4221	4325	4533	95.41	81.87
April	4048	4898	5132	5089	4993	5374	4812	4915	5092	96.52	93.03
May	4661	5634	5886	5920	5952	6301	5640	5696	5956	95.63	107.82
June	5007	6174	6198	6077	6110	6449	5575	5958	6200	96.10	112.78
July	5196	6588	6562	6515	6736	6669	5534	6292	6614	95.13	119.10
August	5386	6600	6587	6597	6632	7023	6025	6368	6683	95.29	120.54
September	4620	5748	6069	6025	6208	6707	5530	5857	6142	95.36	110.87
October	4506	5550	5754	5789	5928	6357	5372	5635	5900	95.51	106.66
November	4330	5109	5321	5439	4990	5696	5072	5109	5301	96.38	96.71
December	3556	4797	4734	4806	4725	4421	4270	4500	4704	95.66	85.18
Daily Average for Year	3910	5383	5498	5526	5492	5780	5008	5283	5538	95.40	

RLL:1:cm:251:d21

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-24
Functional Class Principal Arterial

Route U.S. 2, West of Kalispell
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1957	1358							171	12.6				
1961	1454	219	15.1	190	13.1	184	12.7	180	12.4				
1971	2442	442	18.1	366	15.0	352	14.4	339	13.9				
1981	3843	494	12.9	462	12.0	451	11.7	446	11.6				
1982	3972	575	14.5	488	12.3	475	12.0	466	11.7				
1983	4502	569	12.6	537	11.9	523	11.6	516	11.5				
1984	4785	574	12.0	543	11.4	533	11.1	525	11.0				
1985	4897	576	11.8	544	11.3	538	11.0	527	10.8				
1986	5040	594	11.8	573	11.4	556	11.0	549	10.9				
1987	5283	639	12.1	601	11.4	590	11.2	581	11.0				

RLL:1:jm:251021

AUTOMATIC RECORDER DATA BY MONTHS

Station A-25
Location I 94 - 0.15 Miles East of Wibaux, MP 242.8

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 45.5 % Pickups 25.7 % Commercial 21.8 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1384	1159	1214	1188	1238	1420	1546	1316	1251	105.20	66.70
February	1495	1215	1235	1291	1323	1499	1558	1374	1313	104.65	69.64
March	1652	1315	1330	1465	1446	1519	1532	1462	1407	103.91	74.10
April	1714	1393	1485	1521	1696	1703	1586	1587	1564	101.47	80.44
May	2093	1798	1879	2008	2038	2105	2067	2007	1972	101.77	101.72
June	2934	2641	2548	2545	2695	3009	2881	2740	2679	102.28	138.88
July	3055	2861	2697	2825	3033	3088	3084	2952	2911	101.41	149.62
August	3127	2565	2611	2666	2731	2986	3199	2852	2705	105.43	144.55
September	2400	2135	2041	2104	2249	2501	2461	2257	2194	102.87	114.39
October	1993	1686	1718	1823	1921	2154	2180	1941	1877	103.41	98.38
November	1830	1414	1503	1760	1586	1789	1822	1669	1601	104.25	84.59
December	1612	1405	1450	1534	1474	1462	1722	1519	1468	103.47	76.99
Daily Average for Year	2107	1799	1809	1894	1953	2103	2137	1973	1912	103.19	

RLL:1:cm:251:d22

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-25
Functional Class Principal Arterial

Route I-94, East of Wibaux
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1958	1053							130	12.3				
1961	1031	233	22.6	173	16.8	148	14.4	141	13.7				
1971	1622	257	15.8	234	14.4	223	13.7	218	13.4				
1981	2521	414	16.4	326	12.9	296	11.7	282	11.2				
1982	2236	349	15.6	275	12.3	265	11.9	259	11.6				
1983	2126	600	28.2	305	14.4	283	13.3	267	12.6				
1984	2113	333	15.8	275	13.0	263	12.5	258	12.2				
1985	1996	317	15.9	260	13.0	250	12.5	241	12.1				
1986	1925	279	14.5	254	13.2	244	12.7	240	12.5				
1987	1973	289	14.6	254	12.9	248	12.6	242	12.3				

RLL:1:jm:251a22

AUTOMATIC RECORDER DATA BY MONTHS

Station A-27
Location U.S. 191 - 1.5 Miles S. of Fred Robinson Bridge

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 37.1 % Pickups 26.1 % Commercial 30.7 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	305	290	257	244	252	358	249	280	282	99.29	60.40
February	392	338	295	286	352	465	312	348	347	100.29	75.07
March	365	298	319	324	367	414	258	334	341	97.95	72.05
April	483	428	384	382	461	571	392	442	443	99.77	95.35
May	538	525	433	402	453	626	473	498	494	100.81	107.42
June	690	559	464	485	557	691	547	567	548	103.47	122.31
July	712	594	529	521	639	663	452	589	592	99.49	127.05
August	591	553	508	480	516	639	488	540	540	100.00	116.48
September	603	612	457	443	517	714	572	552	540	102.22	119.07
October	649	500	439	507	524	697	536	554	540	102.59	119.50
November	593	426	418	504	440	553	447	485	466	104.08	104.62
December	417	357	352	357	380	408	358	374	370	101.08	80.68
Daily Average for Year	528	457	405	411	455	567	424	464	458	101.31	

RLL:1:cm:251:d23

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-27
Functional Class Minor Arterial

Route U.S. 191 1.5 Mi. S. of Fred Robinson Bridge
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1961	202	126	62.4	71	35.1	50	24.8	44	21.8				
1971	314	98	31.2	64	20.4	56	17.8	53	16.9				
1981	413	94	22.8	75	18.2	69	16.7	66	16.0				
1982	383	103	26.9	76	19.8	69	18.0	65	17.0				
1983	422	113	26.8	92	21.8	77	18.3	71	16.8				
1984	426	109	25.6	81	19.0	76	17.8	71	16.7				
1985	411	99	24.1	79	19.2	71	17.3	69	16.8				
1986	418	116	27.8	82	19.6	75	17.9	72	17.2				
1987	464	111	23.9	92	19.8	83	17.9	77	16.6				

RLL:1:jm:251a23

AUTOMATIC RECORDER DATA BY MONTHS

Station A-28
Location Frontage Road - 7.0 Miles West of Great Falls

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 49.2 % Pickups 39.6 % Commercial 9.3 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1953	2318	2387	2421	2275	2582	2396	2341	2400	97.54	90.51
February	2121	2362	2421	2548	2456	2768	2681	2480	2511	98.77	95.88
March	1995	2454	2524	2696	2264	2513	2383	2396	2490	96.22	92.63
April	2279	2671	2716	2765	2649	2951	2789	2690	2746	97.96	103.99
May	2290	2505	2711	2771	2668	3002	2678	2660	2744	96.94	102.84
June	2297	2864	2830	3411	3160	3317	2755	2941	3092	95.12	113.70
July	2247	2697	2679	2759	2686	2802	2447	2629	2728	96.37	101.64
August	2217	2730	2660	2914	2720	2942	2561	2661	2790	95.38	102.88
September	2238	2510	2735	2875	2717	3013	2695	2691	2773	97.04	104.04
October	2210	2450	2614	2731	2637	2869	2768	2626	2669	98.39	101.52
November	2118	2406	2439	2602	2321	2693	2611	2443	2488	98.19	94.45
December	2082	2551	2497	2546	2579	2431	2640	2481	2523	98.34	95.92
Daily Average for Year	2171	2543	2601	2753	2594	2824	2617	2587	2663	97.15	

RLL:1:cm:251:d24

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-28
Functional Class Major Collector

Route Vaughn - Interstate
Traffic Type Frontage ~~Frontage Road~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1961	255	112	43.9	71	27.8	63	24.7	59	23.1				
1971	553	103	18.6	89	16.1	84	15.2	80	14.5				
1981	2270	354	15.6	273	12.0	266	11.7	261	11.5				
1982	2205	300	13.6	266	12.1	257	11.7	252	11.4				
1983	2359	301	12.8	273	11.6	267	11.3	262	11.1				
1984	2261	358	15.8	266	11.7	260	11.5	256	11.3				
1985	2262	285	12.6	267	11.8	254	11.2	251	11.1				
*1986	3926	929	23.7	830	21.1	783	19.9	759	19.3				
*Interstate traffic diverted to frontage road during construction.													
1987	2587	367	14.2	295	11.4	286	11.1	278	10.7				

RLL:1:jm:251a24

AUTOMATIC RECORDER DATA BY MONTHS

Station A-29 Year 1987

Location Frontage Road - 6.0 Miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 50.6 % Pickups 34.7 % Commercial 12.4 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1866	2235	2270	2331	2146	2518	2104	2215	2303	96.18	86.61
February	2151	2337	2185	2261	2321	2649	2377	2326	2351	98.94	90.95
March	2061	2338	2472	2475	2481	2712	2238	2386	2487	95.94	93.30
April	2380	2579	2575	2668	2714	2918	2461	2619	2691	97.32	102.41
May	2257	2467	2574	2498	2588	2883	2503	2539	2615	97.09	99.28
June	2562	2694	2670	2700	2773	2919	2724	2718	2745	99.02	106.28
July	2533	2729	2660	2780	2811	2901	2559	2722	2783	97.81	106.44
August	2663	2792	2710	2825	2819	3124	2766	2807	2851	98.46	109.76
September	2352	2619	2710	2780	2780	3055	2720	2718	2785	97.59	106.28
October	2237	2568	2651	2665	2740	2874	2486	2612	2709	96.42	102.13
November	2126	2529	2432	2645	2468	4782	2286	2458	2569	95.68	96.11
December	2150	2744	2627	2600	2686	2647	2478	2569	2658	96.65	100.45
Daily Average for Year	2278	2553	2545	2602	2611	2832	2475	2557	2629	97.26	

RLL:1:cm:251:d25

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-29
Functional Class Major Collector

Route Billings - Interstate
Traffic Type Frontage ~~Frontage Road~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1962	1268	194	15.3	183	14.4	171	13.5	162	12.8				
1971	1702	228	13.4	182	10.7	175	10.3	172	10.1				
1981	2305	287	12.5	271	11.8	260	11.3	257	11.1				
1982	2398	303	12.6	279	11.6	274	11.4	270	11.3				
1983	2907	564	19.4	438	15.1	418	14.4	403	13.9				
1984	2563	377	14.7	330	12.9	314	12.3	310	12.1				
1985	2808	356	12.7	339	12.1	330	11.8	326	11.6				
1986	2726	398	14.6	324	11.9	316	11.6	313	11.5				
1987	2557	311	12.2	291	11.4	282	11.0	274	10.7				

RLL:1:jm:251a25

AUTOMATIC RECORDER DATA BY MONTHS

Station A-30
Location I 90 - 1.0 Miles West of Superior Interchange

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 46.0 % Pickups 23.3 % Commercial 20.7 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2271	2066	2186	2159	2235	2522	2312	2260	2247	100.58	56.71
February	2414	2416	2428	2457	2591	2890	2476	2525	2556	98.79	63.36
March	3051	2670	2899	2896	3029	3379	2984	2976	2957	100.64	74.67
April	3412	3385	3306	3326	3559	3983	3275	3462	3505	98.77	86.87
May	3885	4044	3767	3826	4038	4733	3990	4056	4113	98.61	101.77
June	5517	5232	5171	5145	5399	5966	5552	5411	5366	100.84	135.78
July	6274	5881	5691	5832	6304	6844	5761	6107	6139	99.48	153.24
August	6431	5839	5725	5722	6064	6727	6247	6114	6007	101.78	153.42
September	4854	4793	4695	4569	4983	5717	5022	4927	4922	100.10	123.63
October	4112	3726	3530	3589	4017	4497	3838	3922	3907	100.38	98.47
November	3796	2883	3125	3589	3089	3452	3308	3322	3211	103.46	83.36
December	2832	2645	2777	2861	2807	2478	2731	2741	2727	100.51	68.78
Daily Average for Year	4071	3798	3775	3831	4010	4432	3958	3985	3971	100.35	

RLL:1:cm:251:d26

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-30
Functional Class Principal Arterial

Route I-90, West of Superior
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1962	1487	362	24.3	320	21.5	307	20.6	302	30.3				
1971	2346	375	16.0	334	14.2	324	13.8	320	13.6				
1981	3411	512	15.0	465	13.6	457	13.4	448	13.1				
1982	3159	525	16.6	478	15.1	457	14.5	445	14.1				
1983	3528	590	16.7	511	14.5	488	13.8	479	13.6				
1984	3715	604	16.3	527	14.2	519	14.0	505	13.6				
1985	3528	576	16.3	521	14.8	499	14.1	489	13.9				
1986	3717	596	16.0	530	14.3	516	13.9	506	13.6				
1987	3985	618	15.5	559	14.0	544	13.7	534	13.4				

RLL:1:jm:251a26

AUTOMATIC RECORDER DATA BY MONTHS

Station A-31
Location I 94 - 8.0 Miles West of Miles City

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 50.7 % Pickups 23.4 % Commercial 22.6 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1991	1835	1910	1939	1879	2317	2288	2036	1987	102.47	68.65
February	2288	2119	2085	2242	2395	2744	2490	2337	2317	100.86	78.80
March	2425	2111	2194	2371	2436	2665	2177	2331	2337	99.74	78.60
April	2758	2509	2331	2524	2650	3205	2480	2633	2639	99.77	88.78
May	3052	2980	2784	2867	3030	3583	3153	3083	3074	100.29	103.95
June	4000	3724	3667	3823	3969	4304	3728	3875	3879	99.90	130.66
July	4017	3936	3812	4032	4267	4361	3654	4031	4100	98.32	135.92
August	3925	3637	3622	3787	3862	4214	3883	3844	3816	100.73	129.61
September	3106	3245	3030	3157	3337	3911	3485	3309	3314	99.85	111.57
October	3017	2701	2688	2890	2933	3434	2958	2962	2952	100.34	99.88
November	2902	2319	2497	2911	2490	2875	2811	2681	2604	102.96	90.40
December	2553	2312	2374	2528	2455	2393	2665	2467	2418	102.03	83.18
Daily Average for Year	3003	2786	2750	2923	2975	3334	2981	2966	2953	100.44	

RLL:1:cm:251:d27

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-31
Functional Class Principal Arterials

Route I-94, West of Miles City
Traffic Type ~~Interstate - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1963	1655	213	12.9	198	12.0	188	11.4	187	11.3				
1971	2065	302	14.6	271	13.1	260	12.6	251	12.2				
1981	2993	379	12.7	350	11.7	339	11.3	331	11.1				
1982	2952	440	14.9	373	12.6	359	12.2	345	11.7				
1983	3012	443	14.7	404	13.4	366	12.2	348	11.6				
1984	2950	721	24.4	360	12.2	345	11.7	334	11.3				
1985	2765	373	13.5	346	12.5	335	12.1	328	11.9				
1986	2541	375	14.8	339	13.3	318	12.5	312	12.3				
1987	2966	410	13.8	366	12.3	351	11.8	343	11.6				

RLL:1:jm:251a27

AUTOMATIC RECORDER DATA BY MONTHS

Station A-32
Location 25th St. N. between 4th and 5th Aves. - Great Falls

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2467	3792	3770	3776	3475	3974	3063	3477	3754	92.62	89.98
February	2512	3696	3868	3889	3993	4188	3326	3639	3927	92.67	94.18
March	2413	3900	4088	3935	3593	3877	3228	3566	3889	91.69	92.29
April	2878	4415	4345	4259	4365	4551	3660	4084	4380	93.24	105.69
May	2952	3994	4438	4250	4395	4706	3750	4043	4373	92.45	104.63
June	2898	4613	4579	4733	4568	4539	3612	4245	4605	92.18	109.86
July	2945	4342	4358	4623	4609	4308	3331	4116	4456	92.37	106.52
August	2969	4554	4288	4530	4692	4666	3743	4162	4546	91.55	107.71
September	2689	3906	4409	4327	4372	4587	3396	3983	4324	92.11	103.08
October	2685	4034	4094	4110	4151	4385	3445	3858	4165	92.63	99.85
November	2523	3967	3880	4014	3578	4056	3204	3579	3902	91.72	92.63
December	2464	3958	4013	3831	3945	3604	3262	3616	3878	93.24	93.58
Daily Average for Year	2700	4098	4177	4190	4145	4287	3418	3864	4183	92.37	

RLL:1:cm:251:d28

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-32
Functional Class Minor Arterial

Route 25th St. N. in Gt. Falls
Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1963	4767	659	13.8	579	12.1	559	11.7	546	11.5				
1971	3318	512	15.4	472	14.2	439	13.2	413	12.4				
1981	3510	410	11.7	386	11.0	373	10.6	367	10.5				
1982	3579	1002	28.0	415	11.6	398	11.1	386	10.8				
1983	3706	439	11.9	423	11.4	408	11.0	404	10.9				
1984		Under Construction											
1985	3797	630	16.6	470	12.4	426	11.2	414	10.9				
1986	3854	486	12.6	428	11.1	414	10.7	407	10.6				
1987	3864	461	11.9	418	10.8	409	10.6	402	10.4				

RLL:1:jm:251a28

AUTOMATIC RECORDER DATA BY MONTHS

Station A-33
Location 10th Ave. S. between 9th & 10th St. - Great Falls

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	22326	29440	29915	30078	28162	33467	28918	29025	30267	95.90	89.83
February	23235	30143	30528	31067	31690	35505	31670	30548	31787	96.10	94.54
March	23686	31105	32113	32701	29268	34388	31885	30564	31887	95.85	94.59
April	23921	33329	33251	33118	33796	36714	30437	32173	33988	94.66	99.57
May	26433	31606	34044	34010	35001	39079	34119	33445	34954	95.68	103.51
June	28073	36134	35788	36661	36442	39014	32974	35076	36731	95.49	108.56
July	26810	35783	36085	37282	36958	38027	30976	34837	36095	94.40	107.82
August	26690	35576	35685	36225	35763	38734	33208	34290	36357	94.31	106.13
September	24852	31173	34374	34003	34746	38083	32222	32873	34450	95.16	101.74
October	24469	32029	32430	33173	33729	37342	31993	32378	33903	95.50	100.21
November	23885	31686	31584	33103	29571	35715	31103	30739	32301	95.16	95.14
December	23924	33160	33720	32871	33158	31608	32910	31779	32948	96.45	98.36
Daily Average for Year	24859	32597	33293	33691	33190	36473	31868	32311	33873	95.39	

RLL:1:cm:251:d29

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-33
Functional Class Principal Arterial

Route 10th Ave. S. Gt. Falls
Traffic Type ~~Primary - Urban~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1965	23096	2488	10.8	2375	10.3	2296	9.9	2248	9.7				
1971	24183	2563	10.6	2383	9.9	2324	9.6	2292	9.5				
1981	28434	2731	9.6	2657	9.3	2628	9.2	2600	9.1				
1982	28781	2786	9.7	2718	9.4	2677	9.3	2658	9.2				
1983	29621	2820	9.5	2724	9.2	2704	9.1	2684	9.1				
1984	30648	4786	15.6	2872	9.4	2814	9.2	2795	9.1				
1985	30603	3067	10.0	2925	9.6	2869	9.4	2845	9.3				
1986	31290	3068	9.8	2920	9.3	2886	9.2	2863	9.1				
1987	32311	3006	9.3	2948	9.1	2920	9.0	2882	8.9				

RLL:1:jm:251a29

AUTOMATIC RECORDER DATA BY MONTHS

Station A-34
Location U.S. 12 - 5.0 Miles N.W. of Forsyth

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 43.9 % Pickups 40.2 % Commercial 10.0 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	154	187	181	171	159	215	141	172	183	93.99	58.80
February	204	242	258	270	263	280	199	245	263	93.16	83.76
March	183	267	270	292	276	279	169	247	276	89.49	84.45
April	259	368	321	299	307	342	248	306	325	94.15	104.62
May	282	322	297	265	283	341	296	299	303	98.68	102.22
June	330	360	342	364	383	386	290	351	366	95.90	120.00
July	355	374	351	324	354	357	245	338	351	96.30	115.56
August	305	361	331	333	350	342	281	327	344	95.06	111.79
September	248	321	310	282	320	353	250	298	315	94.60	101.88
October	398	328	353	360	360	402	369	368	362	101.66	125.81
November	316	309	308	357	315	361	268	319	329	96.96	109.06
December	200	263	259	270	247	241	187	240	256	93.75	82.05
Daily Average for Year	270	309	298	299	301	325	245	293	306	95.75	

RLL:1:cm:251:d30

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-34
Functional Class Minor Arterial

Route U.S. 12, NW of Forsyth
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1965	299	63	21.1	53	17.7	50	16.7	48	16.1				
1971	263	57	21.7	47	17.9	45	17.1	42	16.0				
1981	255	59	23.1	47	18.4	45	17.6	43	16.9				
1982	245	67	27.3	55	22.4	50	20.4	47	19.2				
1983	255	76	29.8	52	20.4	46	18.0	43	16.9				
1984	241	64	26.6	45	18.7	40	16.6	39	16.2				
1985	220	87	39.5	40	18.2	38	17.3	36	16.4				
1986	265	62	23.4	52	19.6	48	18.1	46	17.4				
1987	293	55	18.8	45	15.4	42	14.3	41	13.9				

RLL:1:jm:251a30

AUTOMATIC RECORDER DATA BY MONTHS

Station A-35
Location FAS 210 - 3.0 Miles S.E. of Bonner

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 37.5 % Pickups 28.4 % Commercial 6.9 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	428	639	647	660	631	715	587	618	660	93.64	84.96
February	514	693	692	738	761	764	646	687	730	94.11	94.44
March	568	714	730	738	706	810	715	708	738	95.93	97.33
April	637	806	776	815	819	900	715	783	822	95.26	107.64
May	622	738	802	800	822	881	735	769	812	94.70	105.72
June	610	784	827	797	820	854	738	777	815	95.34	106.82
July	619	793	754	822	803	819	651	758	800	94.75	104.20
August	674	816	831	870	837	904	731	802	850	94.35	110.25
September	657	730	802	843	848	897	778	795	824	96.48	109.29
October	624	713	717	728	776	843	750	741	760	97.50	101.87
November	587	687	686	694	658	764	647	672	697	96.41	92.38
December	499	606	648	640	667	623	624	619	639	96.87	85.10
Daily Average for Year	587	727	743	766	762	815	716	727	762	95.41	

RLL:1:cm:251:d31

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-35
Functional Class Major Collector

Route FAS 210, 3.0 Mi. SE of Bonner
Traffic Type ~~Secondary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1965	166	41	24.7	31	18.7	28	16.9	27	16.3				
1971	328	52	15.9	44	13.4	42	12.8	41	12.5				
1981	626	90	14.4	73	11.7	71	11.3	69	11.0				
1982	626	136	21.7	100	16.0	87	13.9	80	12.8				
1983	655	95	14.5	80	12.2	77	11.8	75	11.5				
1984	696	98	14.1	87	12.5	84	12.1	82	11.8				
1985	709	98	13.8	90	12.7	86	12.1	82	11.6				
1986	731	117	16.0	91	12.5	86	11.8	83	11.4				
1987	727	108	14.9	87	12.0	84	11.6	82	11.3				
RLL:1:jm:251a31													

AUTOMATIC RECORDER DATA BY MONTHS

Station A-36
Location U.S. 2 - 0.5 Miles West of Browning

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 42.5 % Pickups 43.0 % Commercial 6.8 %

MONTH	Average Daily Number of Vehicles										
	Day of Week							Average Day	Average Weekday	Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1001	985	887	910	1008	1162	1020	1002	999	100.30	58.90
February	1184	1011	930	1003	1045	1286	1046	1072	1055	101.61	63.02
March	1006	987	1056	1074	961	1100	950	1019	1034	98.55	59.90
April	1597	1409	1313	1313	1441	1757	1445	1462	1440	101.53	85.94
May	2221	1770	1526	1578	1686	2126	1848	1846	1756	105.13	108.51
June	2464	1952	1881	2009	2128	2494	2209	2146	2077	103.32	126.15
July	3782	2693	2509	2596	2718	3201	3144	2938	2756	106.60	172.70
August	2726	2499	2276	2346	2408	2691	2539	2506	2446	102.45	147.31
September	2596	2342	1936	1901	2086	2481	2540	2246	2128	105.55	132.03
October	1671	1569	1464	1641	1694	2012	1735	1696	1692	100.24	99.70
November	1411	1209	1229	1365	1231	1540	1361	1333	1310	101.76	78.36
December	1197	1116	1114	1130	1198	1142	1136	1148	1141	100.61	67.48
Daily Average for Year	1905	1629	1510	1572	1634	1916	1748	1701	1653	102.90	

RLL:1:cm:251:d32

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-36
Functional Class Principal Arterial

Route U.S. 2, West of Browning
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1966	904	231	25.6	193	21.3	174	19.2	168	18.6				
1971	1152	386	33.5	279	24.2	236	20.5	220	19.1				
1981	1504	287	19.1	256	17.0	244	16.2	241	16.0				
1982	1480	362	24.5	275	18.6	262	17.7	247	16.7				
1983	1597	294	18.4	264	16.5	252	15.8	243	15.2				
1984	1525	341	22.4	257	16.9	246	16.1	239	15.7				
1985	1488	287	19.3	257	17.3	245	16.5	238	16.0				
1986	1500	378	25.2	278	18.5	256	17.1	241	16.1				
1987	1701	512	30.1	410	24.1	374	22.0	333	19.6				

RLL:1:jm:251e32

AUTOMATIC RECORDER DATA BY MONTHS

Station A-37
Location Orange Street Bridge - Missoula

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8963	17374	17211	16931	15549	18874	12341	15346	17190	89.27	92.86
February	9800	16984	17542	17629	17832	19914	13510	16173	17980	89.95	97.87
March	10130	18290	18292	17947	18086	19853	13320	16464	18475	89.12	99.63
April	10423	18278	18170	18426	18769	20277	14088	17031	18767	90.75	103.06
May	11068	16825	19242	18911	19171	21452	14239	17109	19231	88.97	103.53
June	11481	19541	19133	19398	19261	20882	14425	17838	19615	90.94	107.94
July	10950	19126	18572	19025	19348	19872	13202	17375	19218	90.41	105.14
August	10660	18811	18611	18545	18598	20151	13761	16767	18937	88.54	101.46
September	9976	16450	18615	18453	18299	20180	13566	16640	18412	90.38	100.69
October	9737	17180	17791	17735	18337	19941	13946	16480	18282	90.14	99.73
November	9421	17574	17394	17117	15039	18217	12795	15241	17092	89.17	93.23
December	9602	17599	17756	17724	17335	16413	13139	15841	17397	91.06	95.86
Daily Average for Year	10184	17836	18194	18153	17969	19669	13528	16525	18383	89.89	

RLL:1:cm:251:d33

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-37
Functional Class Principal Arterial

Route Orange St. Bridge - Missoula
Traffic Type ~~Urban & City~~ Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1966	11701	1418	12.1	1347	11.5	1318	11.3	1296	11.1				
1971	13679	1747	12.8	1678	12.3	1605	11.7	1570	11.5				
1981	15789	1814	11.5	1723	10.9	1700	10.8	1685	10.7				
1982	15626	2145	13.7	1951	12.5	1860	11.9	1823	11.7				
1983	16553	1918	11.6	1865	11.3	1829	11.1	1805	10.9				
1984	16664	2004	12.0	1857	11.1	1813	10.9	1779	10.7				
1985	16524	2434	14.7	1902	11.5	1838	11.1	1793	10.9				
1986	16838	1956	11.6	1847	11.0	1816	10.8	1800	10.7				
1987	16525	2096	12.7	1811	11.0	1769	10.7	1742	10.5				

RLL:1:jm:251a33

AUTOMATIC RECORDER DATA BY MONTHS

Station A-38
Location MT 200 - 1.0 Mile West of Jordon

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 38.5 % Pickups 42.6 % Commercial 13.6 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	249	265	273	260	238	307	253	264	269	98.14	72.86
February	251	281	260	258	271	312	216	264	276	95.65	72.86
March	236	257	262	275	254	290	191	252	267	94.38	69.55
April	320	337	348	316	350	382	303	336	345	97.39	92.73
May	345	390	323	337	340	432	321	357	368	97.01	98.53
June	440	433	394	418	428	515	417	433	435	99.54	119.50
July	466	487	446	457	495	529	397	471	484	97.31	129.99
August	456	452	411	413	474	500	458	452	450	100.44	124.75
September	332	412	356	366	416	488	369	389	403	96.53	107.36
October	453	433	418	414	431	549	523	464	453	102.43	128.06
November	373	334	318	412	341	374	318	353	355	99.44	97.42
December	321	341	318	323	305	305	275	313	318	98.43	86.39
Daily Average for Year	354	369	344	354	362	415	337	362	369	98.10	

RLL:1:cm:251:d34

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-38
Functional Class Principal Arterial

Route Mont. 200, West of Jordan
Traffic Type ~~Primary~~ ~~Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1967	330	76	23.0	61	18.5	59	17.9	55	16.7				
1971	331	73	22.1	59	17.8	56	16.9	54	16.3				
1981	376	80	21.3	63	16.8	59	15.7	57	15.2				
1982	327	66	20.2	56	17.1	53	16.2	52	15.9				
1983	358	70	19.6	60	16.8	56	15.6	54	15.1				
1984	368	69	18.8	60	16.3	56	15.2	55	14.9				
1985	344	71	20.6	57	16.6	55	16.0	53	15.4				
1986	360	80	25.0	60	16.7	58	16.1	55	15.3				
1987	362	81	22.4	61	16.9	55	15.2	53	14.6				

RLL:1:jm:251a34

AUTOMATIC RECORDER DATA BY MONTHS

Station A-39
Location U.S. 89 - 0.5 Miles N. of Dupuyer

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 40.3 % Pickups 37.6 % Commercial 6.6 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	326	347	331	321	351	372	345	343	346	99.13	70.94
February	355	322	337	343	341	365	361	346	342	101.17	71.56
March	232	277	303	287	204	255	267	262	267	98.13	54.19
April	300	320	318	320	324	354	308	321	327	98.17	66.39
May	471	421	396	380	385	470	477	433	413	104.84	89.56
June	789	623	677	600	633	687	709	672	645	104.19	138.99
July	999	959	942	909	888	940	865	927	926	100.11	191.73
August	929	791	812	837	846	880	881	855	831	102.89	176.83
September	656	599	527	524	561	653	669	594	569	104.39	122.85
October	435	368	395	379	394	440	440	409	397	103.02	84.59
November	374	310	328	325	300	362	390	341	324	105.25	70.53
December	253	312	324	302	310	297	284	299	310	96.45	61.84
Daily Average for Year	510	471	474	461	461	506	500	484	512	94.53	

RLL:1:cm:251:d35

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-39
Functional Class Minor Arterial

Route U.S. 89, North of Dupuyer
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1967	443	211	47.6	126	28.4	113	25.5	108	24.4				
1971	507	146	28.8	132	26.0	126	24.9	122	24.1				
1981	527	130	24.7	116	22.0	108	20.5	106	20.1				
1982	517	220	42.6	132	25.5	112	21.7	106	20.5				
1983	537	123	22.9	117	21.8	111	20.7	107	19.9				
1984	511	124	24.3	108	21.1	105	20.6	102	20.0				
1985	471	110	23.4	100	21.2	97	20.6	95	20.2				
1986	517	123	23.8	106	20.5	101	19.5	99	19.2				
1987	484	126	26.0	106	21.9	101	20.9	98	20.2				

RLL:1:jm:251a35

AUTOMATIC RECORDER DATA BY MONTHS

Station A-40
Location Frontage Road - 2.5 Miles North of Wolf Creek

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	99	59	55	59	61	60	102	71	59	120.34	30.64
February	199	76	63	74	82	82	155	104	75	138.67	44.88
March	145	66	80	88	70	76	131	94	76	123.68	40.56
April	347	210	260	194	213	219	299	246	218	112.84	106.15
May	510	304	171	162	200	265	437	304	223	136.32	131.17
June	684	270	257	311	325	391	635	401	306	131.05	173.03
July	700	348	384	372	387	424	564	448	384	116.67	193.31
August	666	303	284	347	351	410	563	427	337	126.71	184.25
September	462	314	238	232	244	347	430	318	271	117.34	137.22
October	277	165	144	140	148	169	254	186	154	120.78	80.26
November	204	84	90	97	109	129	181	129	101	127.72	55.66
December	73	46	48	48	43	47	70	53	46	115.22	22.87
Daily Average for Year	364	187	173	177	186	218	318	232	188	123.40	

RLL:1:cm:251:d36

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-40
Functional Class Major Collector

Route Wolf Creek Frontage Road
Traffic Type ~~Frontage Road~~ Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1968	110	55	50.0	42	38.2	39	35.5	36	32.7				
1971	137	55	40.1	41	29.9	39	28.5	36	26.3				
1981	188	85	45.2	63	33.5	57	30.3	55	29.3				
1982	190	85	44.7	67	35.3	64	33.7	61	32.1				
1983	209	89	42.6	71	34.0	65	31.1	63	30.1				
1984	223	112	50.2	75	33.6	69	30.9	67	30.0				
1985	213	94	44.1	78	36.6	71	33.3	67	31.5				
1986	217	86	39.6	79	36.4	74	34.1	70	32.3				
1987	232	98	42.2	78	33.6	72	31.0	67	28.9				

RLL:1:jm:251a36

AUTOMATIC RECORDER DATA BY MONTHS

Station A-41
Location I 90 - 2.5 Miles West of Big Timber MP 363.5

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 47.5 % Pickups 22.6 % Commercial 20.5 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3879	2910	2796	2922	3105	4061	3899	3398	3197	106.29	63.12
February	4316	3489	3087	3295	3541	4671	4279	3811	3617	105.36	70.79
March	4703	3470	3512	3828	4158	4747	4099	4057	3902	103.97	75.36
April	5068	4086	3855	4004	4354	5592	4766	4509	4360	103.42	83.75
May	5619	5086	4506	4767	5033	6606	5435	5350	5266	101.60	99.38
June	7816	6168	6091	6293	6535	7721	7232	6789	6522	104.09	126.11
July	8159	6884	6678	7022	7645	8436	6958	7427	7381	100.62	137.96
August	8654	6975	7084	7267	7421	8351	7895	7681	7399	103.81	142.67
September	6782	6303	5722	5829	6165	7396	6959	6406	6237	102.71	118.99
October	6388	5143	4919	5393	5562	6751	6251	5813	5609	103.64	107.98
November	6290	4148	4565	5277	4580	5342	5272	5078	4752	106.86	94.32
December	4885	4064	4033	4274	4166	4067	4591	4284	4126	103.83	79.58
Daily Average for Year	6047	4894	4737	5014	5189	6145	5636	5384	5197	103.60	

RLL:1:cm:251:d37

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-41
Functional Class Principal Arterial

Route I-90, East of Livingston
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1969	2511	418	16.6	375	14.9	359	14.3	348	13.9				
1971	3030	562	18.5	437	14.4	407	13.4	397	13.1				
1981	4490	689	15.3	589	13.1	559	12.4	547	12.2				
1982	4442	716	16.1	614	13.8	589	13.3	574	12.9				
1983	4622	799	17.3	655	14.2	600	13.0	583	12.6				
1984	4755	742	15.6	652	13.7	622	13.1	599	12.6				
1985	4767	747	15.7	648	13.6	616	12.9	596	12.5				
1986	4911	826	16.8	714	14.5	668	13.6	648	13.2				
1987	5384	866	16.1	748	13.9	702	13.0	686	12.7				

RLL:1:jm:25137

AUTOMATIC RECORDER DATA BY MONTHS

Station A-42
Location 26th Street North Between 4th & 5th Avenues - Great Falls

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1985	3051	3001	3008	2782	3173	2512	2791	3001	93.00	90.41
February	2092	2918	3086	3074	3187	3335	2718	2916	3120	93.46	94.45
March	2011	3194	3289	3175	2921	3178	2645	2908	3160	92.03	94.20
April	2268	3480	3435	3353	3449	3587	3021	3239	3455	93.75	104.92
May	2393	3125	3487	3382	3523	3701	3070	3222	3456	93.23	104.37
June	2445	3602	3499	3615	3634	3678	2981	3364	3600	93.44	108.97
July	2434	3419	3454	3738	3714	3429	2661	3299	3561	92.64	106.86
August	2477	3571	3487	3710	3789	3751	3087	3375	3657	92.29	109.32
September	2203	3074	3472	3419	3510	3609	2750	3168	3419	92.66	102.62
October	2162	3231	3262	3267	3281	3395	2784	3064	3292	93.07	99.25
November	2045	3128	3101	3118	2811	3229	2593	2842	3080	92.27	92.06
December	2059	3064	3148	3025	3120	2749	2664	2858	3031	94.29	92.57
Daily Average for Year	2215	3238	3310	3324	3310	3401	2791	3087	3319	93.01	

RLL:1:cm:251:d39

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-42
Functional Class Minor Arterial

Route 26th St. N. in Gt. Falls
Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1972	2424	433	17.9	299	12.3	282	11.6	276	11.4				
1981	2852	392	13.7	325	11.4	315	11.0	310	10.9				
1982	2860	872	30.5	338	11.8	329	11.5	322	11.3				
1983	3059	402	13.1	366	12.0	354	11.6	348	11.4				
1984	3173	431	13.6	385	12.1	374	11.8	362	11.4				
1985	3130	522	16.7	407	13.0	394	12.6	385	12.8				
1986	3135	469	15.0	375	12.0	365	11.6	359	11.5				
1987	3087	393	12.7	365	11.8	351	11.4	346	11.2				

RLL:1:jm:25138

AUTOMATIC RECORDER DATA BY MONTHS

Station A-43
Location U.S. 191 - 1.5 Miles North of MT64 (Big Sky)

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 45.9 % Pickups 34.6 % Commercial 12.2 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1544	1161	1136	1178	1352	1590	1745	1403	1300	107.92	73.85
February	2046	1521	1303	1431	1564	1933	2141	1706	1550	110.06	89.79
March	1926	1485	1468	1546	1576	1798	1774	1651	1566	105.43	86.90
April	1470	1315	1233	1340	1396	1561	1642	1419	1369	103.65	74.69
May	1688	1645	1445	1490	1527	1794	1686	1621	1590	101.95	85.32
June	2609	2110	2116	2105	2249	2627	2610	2331	2230	104.53	122.69
July	2910	2782	2792	2815	2869	3168	2714	2873	2894	99.27	151.22
August	2832	2624	2691	2737	2793	3082	3119	2841	2778	102.27	149.53
September	2385	2203	2024	2019	2193	2497	2436	2236	2172	102.95	117.69
October	1664	1684	1614	1617	1710	1894	1659	1698	1713	99.12	89.37
November	1490	1313	1356	1508	1361	1544	1502	1436	1411	101.77	75.58
December	1695	1666	1608	1498	1485	1452	1723	1584	1540	102.86	83.37
Daily Average for Year	2022	1792	1732	1774	1840	2078	2063	1900	1843	103.09	

RLL:1:cm:251:d40

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-43
Functional Class Principal Arterial

Route U.S. 191, 1.5 Mi. No. of Mont. 64 (Big Sky)
Traffic Type ~~Primary~~ ~~Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1972	1240	220	17.7	201	16.2	192	15.5	188	15.2				
1981	1483	259	17.5	231	15.6	219	14.8	215	14.5				
1982	1492	302	20.2	246	16.5	235	15.8	227	15.2				
1983	1677	277	16.5	247	14.7	238	14.2	235	14.0				
1984	1692	345	20.4	275	16.3	253	15.0	246	14.5				
1985	1780	321	18.0	268	15.1	258	14.5	250	14.0				
1986	1772	305	17.2	267	15.1	256	14.5	248	14.0				
1987	1900	319	16.8	267	14.1	264	13.9	257	13.5				

RLL:1:jm:251a39

AUTOMATIC RECORDER DATA BY MONTHS

Station A-44
Location Big Mountain Road

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2151	1180	1347	1299	2039	2471	2937	1972	1720	114.65	212.84
February	2533	1443	1449	1459	2019	3268	3477	2107	1748	120.54	227.42
March	2421	1151	1181	1278	1354	1572	2906	1684	1294	130.14	181.76
April	1125	523	490	675	647	910	1311	801	650	123.23	86.45
May	176	183	178	187	197	222	179	189	195	96.92	20.40
June	316	344	359	338	350	333	325	339	345	98.26	36.59
July	631	608	591	546	623	692	725	630	613	102.77	67.99
August	731	679	749	779	800	782	818	761	754	100.93	82.14
September	455	422	379	359	407	388	386	397	389	102.06	42.85
October	271	299	307	292	294	297	222	282	297	94.95	30.44
November	251	362	332	372	309	425	351	341	360	94.72	36.81
December	1873	1647	1416	1575	1654	1163	2031	1615	1498	107.81	174.31
Daily Average for Year	1078	737	732	763	891	969	1306	927	822	112.65	

RLL:1:cm:251:d41

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-44
Functional Class ~~Major Collector~~

Route Big Mountain Ski Road
Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1974	575	478	83.1	371	64.5	282	49.0	254	44.1				
1981	673	575	85.4	400	59.4	321	47.7	282	41.9				
1982			Out of	Service									
1983	1037	681	65.7	552	53.2	482	46.5	424	40.9				
1984	1082	764	70.6	666	61.6	565	52.2	502	46.4				
1985				Removed									
1986	947	840	88.7	587	62.0	550	58.1	520	54.9				
1987	927	605	65.3	495	53.4	467	50.4	445	48.0				

RLL:1:jm:251a40

AUTOMATIC RECORDER DATA BY MONTHS

Station A-45
Location Hungry Horse Dam Road

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	66	37	34	37	44	43	59	46	39	117.95	17.08
February	88	31	14	24	23	29	59	38	24	158.33	14.11
March	143	41	33	31	26	29	87	57	32	178.13	21.16
April	219	76	64	58	69	71	144	98	67	146.27	36.39
May	522	287	131	161	175	225	395	282	197	143.15	104.70
June	652	344	368	317	331	356	554	413	344	120.06	153.34
July	1159	782	798	745	748	848	1076	870	784	110.97	323.02
August	925	602	661	668	668	633	832	720	644	111.80	267.33
September	451	280	219	213	237	230	357	279	234	119.23	103.59
October	291	149	149	182	164	176	263	197	165	119.39	73.14
November	184	154	162	170	155	159	165	164	160	102.50	60.89
December	70	68	74	65	71	65	64	68	69	98.55	25.25
Daily Average for Year	398	238	226	223	226	239	338	269	230	116.96	

RLL:1:cm:251:d42

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-45
Functional Class Minor Collector

Route Hungry Horse Dam Road
Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1976	434	210	48.4	148	33.4	138	31.8	131	30.2				
1981	333	167	50.2	132	39.6	121	36.3	112	33.6				
1982	295	165	55.9	134	45.4	124	42.0	116	39.3				
1983	295	169	57.3	135	45.8	123	41.7	115	39.0				
1984	272	146	53.7	124	45.6	112	41.2	107	39.3				
1985	273	147	53.8	120	43.9	111	40.7	109	39.9				
1986	252	139	55.2	121	48.0	115	45.6	108	42.9				
1987	269	148	55.0	128	47.6	117	43.5	110	40.9				

RLL:1:jm:251841

AUTOMATIC RECORDER DATA BY MONTHS

Station A-46
Location U.S. 2 - 9.0 Miles West of Havre

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 53.4 % Pickups 36.3 % Commercial 7.0 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	765	1010	988	944	927	1111	878	949	998	95.09	71.39
February	898	1061	985	1091	1123	1201	1095	1065	1092	97.53	80.11
March	764	1032	1075	1090	1066	1131	915	1005	1077	93.31	75.60
April	1163	1323	1249	1267	1256	1411	1209	1268	1298	97.69	95.38
May	1246	1350	1301	1335	1405	1551	1336	1362	1396	97.56	102.46
June	1807	1570	1557	1631	1747	1851	1642	1678	1661	101.02	126.23
July	1859	1952	1918	2003	2026	2020	1675	1931	1988	97.13	145.26
August	1776	1738	1778	1804	1784	1894	1711	1779	1797	99.00	133.83
September	1317	1375	1400	1408	1441	1672	1389	1427	1454	98.14	107.35
October	1067	1223	1238	1289	1298	1477	1230	1268	1313	96.57	95.39
November	1041	1100	1128	1210	1161	1406	1164	1166	1196	97.49	87.71
December	864	1102	1114	1100	1088	1072	1003	1054	1096	96.17	79.29
Daily Average for Year	1214	1320	1311	1348	1360	1483	1271	1329	1364	97.43	

RLL:1:cm:251:d43

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-46
Functional Class Principal Arterial

Route U.S. 2, West of Havre
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1980	1318	233	17.7	197	14.9	178	13.5	173	13.1				
1981	1427	236	16.5	201	14.1	189	13.2	182	12.8				
1982	1346	252	18.7	194	14.4	187	13.9	183	13.6				
1983	1382	222	16.1	200	14.5	194	14.0	189	13.7				
1984	1326	191	14.4	171	12.9	165	12.4	160	12.1				
1985	1252	201	16.1	177	14.1	167	13.3	164	13.1				
1986	1293	198	15.3	183	14.2	175	13.5	172	13.3				
1987	1329	194	14.6	182	13.7	174	13.1	170	12.8				

RLL:1:jm:251a42

AUTOMATIC RECORDER DATA BY MONTHS

Station A-47
Location U.S. 93 - 1.0 Miles North of Florence

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 56.4 % Pickups 33.1 % Commercial 6.4 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3261	4183	4343	4396	4112	4762	4283	4210	4366	96.43	79.86
February	4052	4351	4471	4653	4742	5205	4772	4607	4684	98.36	87.39
March	4374	4670	4927	4879	4841	5370	5175	4868	4925	98.84	92.34
April	4545	5215	5222	5474	5337	5831	5290	5282	5415	97.54	100.20
May	4875	5278	5529	5393	5562	6129	5623	5490	5604	97.97	104.14
June	5111	5718	5728	5817	5889	6455	5774	5780	5903	97.92	109.64
July	5426	5973	6042	6149	6275	6571	5604	6037	6219	97.97	114.52
August	5189	5968	6050	6157	6166	6679	5823	5971	6193	96.42	113.27
September	5067	5446	5628	5703	5776	6443	6025	5723	5787	98.89	108.56
October	4576	5275	5395	5467	5642	6262	5537	5486	5640	97.27	104.07
November	4253	4773	5063	5306	4967	5678	5080	4983	5139	96.96	94.52
December	3967	4785	4993	4924	4874	4959	5179	4823	4910	98.23	91.49
Daily Average for Year	4558	5136	5283	5360	5349	5862	5347	5272	5399	97.65	

RLL:1:cm:251:d44

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-47
Functional Class Principal Arterial

Route U.S. 93, S. of Florence
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1980	4436	511	11.5	488	11.0	475	10.7	465	10.5				
1981	4491	558	12.4	489	10.9	481	10.7	471	10.5				
1982	4357	516	11.8	474	10.9	468	10.7	460	10.5				
1983	4838	587	12.1	545	11.3	529	10.9	521	10.6				
1984	5000	575	11.5	537	10.7	524	10.5	515	10.8				
1985	5039	574	11.4	543	10.8	526	10.4	519	10.3				
1986	5047	625	12.4	543	10.8	533	10.6	526	10.4				
1987	5272	593	11.2	556	10.5	548	10.4	541	10.3				

RLL:1:jm:251:43

AUTOMATIC RECORDER DATA BY MONTHS

Station A-48
Location U.S. 287 - 6.7 Miles West of Jct. U.S. 191 (Hebgen Dam)

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 33.8 % Pickups 56.5 % Commercial 6.2 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	61	36	43	42	46	77	81	56	50	112.00	14.92
February	113	54	55	55	55	71	120	75	58	129.31	19.98
March	99	64	70	72	66	87	81	77	71	108.45	20.51
April	179	81	93	96	96	112	162	115	96	119.79	30.63
May	489	351	219	234	228	273	406	321	262	122.52	85.50
June	860	647	706	614	647	717	845	716	667	107.35	190.72
July	1224	1113	1103	1078	1077	1114	1217	1128	1096	102.92	300.47
August	1076	910	980	981	992	992	1020	994	968	102.69	264.77
September	777	602	524	506	572	621	772	617	560	110.18	164.35
October	300	193	166	206	220	233	267	228	206	110.68	60.73
November	144	89	113	104	118	124	167	122	109	111.93	32.50
December	103	48	51	48	39	37	69	56	45	124.44	14.92
Daily Average for Year	452	349	344	336	346	372	359	375	349	107.45	

RLL:1:cm:251:d45

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-48
Functional Class Minor Arterial

Route U.S. 287, E. of Hebgen Dam
Traffic Type ~~Primary~~ Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1980	312	128	41.0	113	36.2	103	33.0	102	32.7				
1981	373	155	41.6	134	35.9	125	33.5	121	32.4				
1982	373	159	42.6	146	39.1	139	37.3	133	35.7				
1983	382	175	45.8	138	36.1	131	34.3	128	33.5				
1984	373	156	41.8	136	36.5	130	34.9	128	34.3				
1985	366	147	40.2	133	36.3	123	33.6	120	32.8				
1986	371	163	43.9	136	36.7	126	34.0	121	32.6				
1987	375	226	60.3	122	32.5	118	31.5	116	30.9				

RLL:1:jm:25144

AUTOMATIC RECORDER DATA BY MONTHS

Station A-49
Location MT 39 - 0.5 Mile S. of I-94

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 45.2 % Pickups 33.7 % Commercial 18.9 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	467	769	779	737	716	899	725	733	783	93.61	81.11
February	543	809	787	765	835	965	859	795	832	95.55	87.97
March	500	721	809	811	878	948	727	761	827	92.02	84.20
April	691	1015	978	910	981	1056	815	922	984	93.70	102.02
May	790	1071	1135	1036	1120	1228	1009	1051	1123	93.59	116.29
June	798	1156	1159	1150	1225	1286	1000	1114	1192	93.46	123.26
July	697	1079	1083	1065	1161	1207	714	1015	1122	90.46	112.31
August	717	1112	1074	1088	1096	1161	814	997	1106	90.14	110.32
September	618	877	948	921	976	1182	924	922	976	94.47	102.02
October	672	878	879	875	988	1097	878	904	952	94.96	100.03
November	623	880	914	890	837	984	797	840	900	93.33	92.95
December	569	813	859	816	813	841	799	791	829	95.42	87.52
Daily Average for Year	640	932	950	922	969	1071	838	904	969	93.29	

RLL:1:cm:251:d46

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-49
Functional Class Minor Arterial

Route Mont. 39, Just of S. of I-94
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1980	1186	303	25.5	256	21.6	237	20.0	216	18.2				
1981	1394	457	32.8	347	24.9	291	20.9	256	18.4				
1982	1752	495	28.3	448	25.6	410	23.4	371	21.2				
1983	1705	404	23.7	390	22.9	368	21.6	344	20.2				
1984	1166	263	22.6	237	20.3	214	18.4	200	17.2				
1985	941	177	18.8	152	16.2	141	15.0	134	14.2				
1986	881	174	19.8	138	15.7	133	15.1	128	14.5				
1987	904	150	16.6	136	15.0	127	14.0	122	13.5				

RLL:1:jm:251a45

AUTOMATIC RECORDER DATA BY MONTHS

Station A-50
Location Main Street between Milton Road and Hansen Lane - Billings

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	18146	26597	27195	27418	24987	29625	25256	25702	27177	94.57	90.94
February	20521	27360	26946	27105	27967	31888	27879	27095	28253	95.90	95.87
March	19002	27381	28220	28392	29255	31521	27215	27050	28849	93.76	95.71
April	21227	29819	28805	29220	30021	33687	29313	28920	30248	95.61	102.33
May	21797	28261	30621	30112	31447	34843	29508	29436	31237	94.23	104.15
June	22629	32250	31837	32088	31995	34916	29749	30865	32565	94.78	109.21
July	21656	30461	29746	30955	31296	32452	26126	29209	31058	94.05	103.35
August	22635	30791	30454	30627	30519	34175	28411	29428	31288	94.06	104.13
September	20870	26946	29505	29198	29466	33769	28792	28430	29738	95.60	100.59
October	21085	28766	29237	29540	29851	33134	29025	28857	30232	95.45	102.10
November	20523	28455	27852	28592	25288	30956	27105	26802	28239	94.91	94.83
December	20525	29157	28928	28526	28788	27575	26946	27355	28615	95.60	96.79
Daily Average for Year	20885	28854	29112	29314	29240	32378	27944	28262	29792	94.86	

RLL:1:cm:251:d47

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-50
Functional Class Principal Arterial

Route Main Street - Billings
Traffic Type ~~Primary - Urban~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	25085	2468	9.8	2400	9.6	2359	9.4	2333	9.3				
1982	25471	2635	10.3	2547	10.0	2498	9.8	2469	9.7				
1983	26795	2880	10.8	2747	10.3	2701	10.1	2638	9.9				
1984	27925	2889	10.4	2772	9.9	2732	9.8	2682	9.6				
1985	27711	3124	11.3	3003	10.8	2905	10.5	2866	10.3				
1986	28780	3051	10.6	2982	10.4	2932	10.2	2901	10.1				
1987	28262	3034	10.7	2802	9.9	2744	9.7	2729	9.6				

RLL:1:jm:251:46

AUTOMATIC RECORDER DATA BY MONTHS

Station A-51
Location Broadwater between 22nd Street and Gay Place - Billings

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	9705	13276	13400	13117	12310	14708	13451	12914	13376	96.55	93.24
February	10748	13311	13157	13180	13580	15342	14834	13450	13714	98.07	97.11
March	10332	13936	14414	14449	14276	15456	13836	13725	14476	94.81	99.10
April	10813	14554	14243	14400	14773	16507	15265	14380	14867	96.72	103.83
May	10869	13446	14188	13989	14478	16434	14563	13991	14599	95.84	101.02
June	10586	14826	14505	14750	14835	16327	14062	14296	15014	95.22	103.22
July	10370	14472	14113	14343	14796	15414	12325	13803	14657	94.17	99.66
August	11024	15008	14719	14890	15212	16330	14208	14381	15221	94.48	103.83
September	10413	13308	14618	14716	14924	16244	13670	14030	14754	95.09	101.30
October	10576	13542	13585	13942	14130	15666	13951	13720	14239	96.36	99.06
November	10901	13749	13462	13955	11916	15641	13736	13270	13745	96.54	95.81
December	11761	14832	14667	14831	14631	13859	14752	14241	14583	97.65	102.82
Daily Average for Year	10675	14022	14089	14214	14155	15661	14054	13850	14437	95.93	

RLL:1:cm:251:d48

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-51
Functional Class Minor Arterial

Route Broadwater Ave. - Billings
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	13058	1562	12.0	1415	10.8	1363	10.4	1320	10.1				
1982	13252	1504	11.3	1423	10.7	1397	10.5	1383	10.4				
1983	13579	1490	11.0	1443	10.6	1421	10.5	1402	10.3				
1984	13579	1560	11.5	1447	10.7	1404	10.3	1393	10.3				
1985	14339	1575	11.0	1500	10.5	1476	10.3	1451	10.1				
1986	14243	1540	10.8	1464	10.3	1438	10.1	1417	10.0				
1987	13850	1472	10.6	1409	10.2	1385	10.0	1366	9.9				

RLL:1:jm:251a47

AUTOMATIC RECORDER DATA BY MONTHS

Station A-52
Location Old Hardin Road between Peters and Piccolo - Billings

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	4878	6079	6200	6089	5720	6610	6067	5967	6142	97.15	118.26
February	5375	6152	6148	6146	6273	6892	6502	6212	6322	98.26	123.12
March	4989	6058	6350	6373	6497	6757	6203	6139	6389	96.09	121.67
April	5812	7083	6955	6960	7085	7773	7368	7006	7158	97.88	138.86
May	5967	7032	7457	7241	7531	8369	7571	7309	7566	96.60	144.86
June	5938	7614	7619	7681	7789	8222	7291	7462	7770	96.04	147.89
July	3588	4977	4906	5487	5347	5226	4227	4874	5210	93.55	96.60
August	2860	3722	3654	3702	3676	3964	3532	3566	3743	95.27	70.68
September	2564	3176	3432	3406	3397	3682	3353	3296	3419	96.40	65.33
October	2464	3168	3211	3120	3195	3553	3303	3165	3261	97.06	62.73
November	2244	2916	2876	3067	2753	3050	2914	2815	2932	96.01	55.79
December	2126	2829	2821	2844	2953	2779	2687	2735	2849	96.00	54.21
Daily Average for Year	4067	5067	5136	5176	5185	5573	5085	5046	5230	96.48	

RLL:1:cm:251:d49

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-52
Functional Class Major Collector

Route Old Hardin Road - Billings
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	5945	645	10.8	621	10.4	612	10.3	603	10.1				
1982	6164	784	12.7	697	11.3	677	11.0	669	10.9				
1983	6374	768	12.1	723	11.3	709	11.1	690	10.8				
1984	6664	792	11.9	748	11.2	733	11.0	720	10.8				
1985	6754	824	12.2	782	11.6	756	11.2	748	11.1				
1986	6762	820	12.1	769	11.4	759	11.2	747	11.1				
1987	5046	823	16.3	776	15.4	749	14.8	737	14.6				

RLL:1:jm:251a48

AUTOMATIC RECORDER DATA BY MONTHS

Station A-53
Location U.S. 12- 4.0 Miles E. of I-94

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 37.3 % Pickups 28.0 % Commercial 15.4 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	356	417	450	379	368	467	420	409	416	98.32	75.45
February	401	398	442	442	451	515	446	442	449	98.44	81.54
March	337	393	403	396	425	448	305	386	412	93.69	71.21
April	468	537	522	510	467	545	472	502	514	97.67	92.61
May	555	547	551	507	541	661	539	560	566	98.94	103.30
June	611	652	697	681	684	720	618	667	686	97.23	123.04
July	608	671	704	658	669	701	516	649	680	95.44	119.72
August	634	658	631	649	686	724	653	661	669	98.80	121.94
September	555	588	611	585	581	687	644	607	609	99.67	111.98
October	572	589	612	608	571	652	548	593	607	97.69	109.39
November	545	532	544	601	546	590	590	562	561	100.18	103.67
December	401	463	518	474	439	503	466	467	479	97.49	86.15
Daily Average for Year	504	537	557	541	536	601	518	542	554	97.83	

RLL:1:cm:251:d50

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-53
Functional Class Principal Arterial

Route U.S. 12, East of Miles City
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	583	123	21.1	76	13.0	70	12.0	64	11.0				
1982	535	86	16.1	75	14.0	71	13.3	69	12.9				
1983	573	95	16.6	83	14.5	79	13.8	76	13.3				
1984	581	178	30.6	120	20.7	82	14.1	78	13.4				
1985	543	104	19.2	80	14.7	72	13.3	68	12.5				
1986	547	79	14.4	73	13.4	70	12.8	68	12.4				
1987	542	95	17.5	74	13.7	69	12.7	67	12.4				

RLL:1:jm:251a49

AUTOMATIC RECORDER DATA BY MONTHS

Station A-54
Location 19th St. W. between Wyoming & Yellowstone Aves. - Billings

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars _____ % Pickups _____ % Commercial _____ %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3618	5794	5945	5935	5424	6327	5299	5497	5884	93.42	92.48
February	4138	6005	5947	6148	6145	6708	5781	5839	6191	94.31	98.24
March	3843	6120	6337	6434	6260	6549	5434	5813	6330	91.83	97.80
April	4238	6658	6669	6575	6775	7312	6344	6388	6786	94.13	107.47
May	4338	5976	6725	6555	6699	7425	6081	6227	6712	92.77	104.76
June	4387	6701	6652	6668	6806	7271	5880	6360	6807	93.43	107.00
July	4149	6507	6368	6430	6692	6561	5095	6029	6518	92.50	101.43
August	4280	6431	6299	6182	6167	6600	5599	5888	6340	92.87	99.06
September	4021	5633	6225	6211	6289	6803	5593	5851	6231	93.90	98.44
October	4021	5948	6124	6168	6438	6674	5751	5915	6297	93.93	99.51
November	3992	6004	6120	6115	5142	6542	5447	5582	5985	93.27	93.91
December	4221	6434	6384	6278	6279	5774	5916	5938	6241	95.15	99.90
Daily Average for Year	4119	6184	6316	6308	6260	6712	5685	5944	6360	93.46	

RLL:1:cm:251:d51

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-54
Functional Class Collector

Route 19th St. W. - Billings
Traffic Type ~~Urban~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1984	5450	875	16.1	664	12.2	651	11.9	637	11.7				
1985	5920	861	14.5	727	12.3	710	12.0	698	11.8				
1986	5846	789	13.5	718	12.3	690	11.8	674	11.5				
1987	5944	761	12.8	681	11.5	665	11.2	654	11.0				

RLL:1:jm:251&50

AUTOMATIC RECORDER DATA BY MONTHS

Station A-55
Location U.S. 191 - 2.0 Miles N. of Gallatin Gateway

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 44.8 % Pickups 36.1 % Commercial 11.7 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2859	2608	2685	2732	2819	3298	3354	2932	2849	102.91	80.32
February	3464	2989	2905	2927	3053	3734	3862	3276	3121	104.97	89.75
March	3361	2971	3111	3162	3142	3632	3566	3265	3189	102.38	89.44
April	3137	2997	2832	2048	3070	3681	3610	3187	3119	102.18	87.31
May	3257	3186	3133	3168	3328	3887	3767	3413	3366	101.40	93.50
June	4453	3984	4062	4113	4284	4880	4767	4340	4243	102.29	118.90
July	4786	4582	4716	4723	4771	5241	4891	4825	4820	100.10	132.18
August	4716	4417	4395	4539	4583	5047	4978	4671	4588	101.81	127.96
September	4151	4004	3946	3937	3944	4614	4423	4132	4076	101.37	113.20
October	3363	3304	3283	3342	3490	3899	3747	3511	3485	100.75	96.19
November	3115	2854	2990	3142	3909	3546	3471	3136	3077	101.92	85.91
December	3101	3183	3101	3027	3090	3013	3325	3115	3081	101.10	85.34
Daily Average for Year	3647	3423	3430	3488	3540	4039	3980	3650	3585	101.81	

RLL:1:cm:251:d52

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-55
Functional Class Principal Arterial

Route U.S. 191, N. of Gallatin Gateway
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	3391	457	13.5	420	12.4	416	12.3	407	12.0				
1987	3650	482	13.2	418	11.5	411	11.3	404	11.1				

RLL:1:jm:251a51

AUTOMATIC RECORDER DATA BY MONTHS

Station A-56
Location U.S. 93 - 2.5 Miles N. of Hamilton

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 57.2 % Pickups 33.0 % Commercial 6.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3290	5044	5182	5061	4618	5763	4753	4823	5118	94.24	79.80
February	3926	5187	5273	5411	5532	6008	5262	5229	5482	95.38	86.52
March	4291	5674	5789	5711	5749	6312	5652	5563	5837	95.31	92.04
April	4540	6269	6153	6359	6329	7003	6002	6110	6415	95.25	101.09
May	4862	6240	6601	6503	6628	7359	6138	6312	6699	94.22	104.43
June	5191	6991	6803	6815	7000	7636	6405	6705	7035	95.31	110.94
July	5435	7375	7174	7216	7393	7851	6341	7019	7413	94.69	116.13
August	5239	7125	7180	7170	7181	7810	6517	6831	7285	93.77	113.02
September	5052	6304	6793	6822	7003	7752	6613	6632	6923	95.80	109.73
October	4515	6221	6363	6335	6565	7322	5895	6214	6596	94.21	102.81
November	4305	5825	5888	6112	5625	6611	5533	5657	6003	94.24	93.60
December	3957	5710	5733	5741	5755	5584	5320	5433	5710	95.15	89.89
Daily Average for Year	4550	6164	6244	6271	6282	6910	5869	6044	6376	94.79	

RLL:1:cm:251:d53

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-56
Functional Class Principal Arterial

Route U.S. 93, N. of Hamilton
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	5853	733	12.5	655	11.2	630	10.8	618	10.6				
1987	6044	734	12.1	663	11.0	652	10.8	642	10.6				

RLL:1:jm:251a52

AUTOMATIC RECORDER DATA BY MONTHS

Station A-57
Location U.S. 212 - 0.7 Mile S. of Rockvale

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 46.3 % Pickups 37.9 % Commercial 5.1 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2211	1749	1866	1743	1845	2229	2561	2047	1900	107.74	82.25
February	2539	1731	1766	1740	1821	2264	2659	2074	1864	111.27	83.33
March	2365	1867	2188	2006	1997	2093	2210	2107	2030	103.79	84.66
April	2874	2061	2031	2004	2029	2400	2663	2276	2097	108.54	91.45
May	3288	2369	2217	2041	2139	2579	3031	2566	2284	112.35	103.10
June	4199	2635	2618	2635	2658	3016	3603	3023	2704	111.80	121.47
July	2843	2824	2841	3026	3399	3831	4175	3291	3215	102.36	132.24
August	4348	2946	2875	3046	3092	3454	3650	3374	3076	109.69	135.57
September	3453	2822	2441	2436	2611	2983	3222	2825	2638	107.09	113.51
October	2359	2087	2137	2195	2213	2460	2564	2300	2229	103.19	92.42
November	2120	1895	1872	1984	1953	2333	2220	2051	2002	102.45	82.41
December	1868	1959	1923	1840	1967	1934	2040	1931	1923	100.42	77.59
Daily Average for Year	2872	2245	2231	2225	2310	2631	2883	2489	2330	106.82	

RLL:1:cm:251:d54

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

A-57

Station Minor Arterial

Functional Class

Route U.S. 212, S. of Rockvale

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	2390	540	22.6	419	17.5	393	16.4	378	15.8				
1987	2489	573	23.1	436	17.5	409	16.4	383	15.4				

RLL:1:jm:251:53

AUTOMATIC RECORDER DATA BY MONTHS

Station A 58
Location U.S. 212 - 1.8 Miles N. of Red Lodge

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 49.5 % Pickups 31.7 % Commercial 4.9 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1746	1240	1260	1225	1351	1588	1962	1496	1345	111.23	81.40
February	1972	1214	1341	1282	1307	1552	1970	1520	1339	113.52	82.70
March	1940	1328	1368	1305	1350	1607	1867	1538	1388	110.81	83.68
April	1946	1279	1391	1348	1341	1573	1785	1511	1382	109.33	82.21
May	2298	1730	1502	1374	1455	1786	2094	1778	1580	112.53	96.74
June	2758	1961	1906	1968	1891	2268	2676	2186	1993	109.68	118.94
July	3239	2275	2278	2399	2477	2990	3456	2720	2502	108.71	148.00
August	3447	2371	2324	2464	2524	2760	3213	2756	2483	110.99	149.95
September	2755	2128	1780	1758	1869	2242	2494	2121	1939	109.39	115.40
October	1757	1464	1428	1482	1500	1738	1803	1604	1531	104.77	87.27
November	1445	1335	1283	1366	1326	1637	1527	1415	1387	102.02	76.99
December	1380	1383	1386	1324	1537	1346	1509	1410	1398	100.86	76.72
Daily Average for Year	2224	1680	1604	1608	1661	1924	2196	1838	1689	108.82	

RLL:1:cm:251:d55

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-58
Functional Class Minor Arterial

Route U.S. 212, N. of Red Lodge
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	1695	376	22.2	321	18.9	295	17.4	279	16.5				
1987	1838	675	36.7	370	20.1	336	18.3	321	17.5				

RLL:1:jm:251a54

AUTOMATIC RECORDER DATA BY MONTHS

Station A-60
Location U.S. 2 - S. of Martin City

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 52.8 % Pickups 34.3 % Commercial 6.8 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2174	2490	2518	2537	2554	2957	2440	2536	2624	96.65	56.08
February	2662	2622	2620	2621	2753	3088	2844	2744	2741	100.11	60.68
March	2918	2719	2676	2812	2730	2875	2849	2794	2756	101.38	61.79
April	3592	3523	3316	3255	3428	3874	3514	3490	3467	100.66	77.18
May	5321	4685	4077	4071	4218	5021	4901	4659	4443	104.86	103.04
June	6877	5882	5790	5777	5970	6601	6752	6209	5989	103.67	137.31
July	8784	8242	7869	7826	8058	9011	8564	8333	8214	101.45	184.29
August	7977	7457	7309	7424	7615	8036	8047	7708	7563	101.92	170.46
September	5926	5624	5029	5012	5266	6130	5825	5510	5377	102.47	121.86
October	4331	3970	3878	3964	4083	4758	4328	4207	4157	101.20	93.04
November	3119	3166	3251	3310	3139	3672	3289	3269	3301	99.03	72.30
December	2483	2885	2814	2838	3108	2814	2701	2802	2876	97.43	61.97
Daily Average for Year	4680	4439	4262	4287	4403	4903	4671	4522	4459	101.41	

RLL:1:cm:251:d56

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-60
Functional Class Principal Arterial

Route U.S. 2, Martin City
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1982	3549	737	20.8	660	18.6	643	18.1	628	17.7				
1983	3922	765	19.5	723	18.4	693	17.7	673	17.2				
1984	3967	769	19.4	682	17.2	663	16.7	647	16.3				
1985	3969	738	18.6	689	17.4	658	16.6	644	16.2				
1986	4270	792	18.6	743	17.4	729	17.1	710	16.6				
1987	4522	826	18.3	768	17.0	741	16.4	726	16.1				

RLL:1:jm:251a56

AUTOMATIC RECORDER DATA BY MONTHS

Station A-62
Location U.S. 93 - 0.8 Mile North of Elmo

Year 1987

FACTORS INFLUENCING THE TRAFFIC PATTERNS

Cars 58.8 % Pickups 21.0 % Commercial 16.3 %

MONTH	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1290	1216	1199	1237	1241	1520	1417	1311	1291	101.55	63.58
February	1495	1417	1408	1483	1605	1844	1734	1569	1551	101.16	76.09
March	1558	1413	1452	1583	1550	1715	1667	1554	1532	101.44	75.37
April	1685	1630	1596	1609	1702	1983	1750	1704	1700	100.24	82.64
May	2101	1911	1738	1731	1770	2267	2096	1965	1902	103.31	95.30
June	2584	2115	2155	2089	2127	2590	2510	2298	2208	104.08	111.45
July	3657	3188	2987	3095	3207	3657	3366	3309	3239	102.16	160.48
August	3489	2900	2854	2949	3986	3436	3465	3167	3019	104.90	153.60
September	2667	2417	2238	2271	2382	2947	2697	2499	2433	102.71	121.20
October	2095	1836	1850	1908	1981	2357	2096	2030	2003	101.35	98.45
November	1820	1558	1604	1820	1652	1945	1729	1729	1708	101.23	83.85
December	1547	1570	1643	1631	1604	1598	1653	1608	1611	99.81	77.99
Daily Average for Year	2166	1931	1894	1951	1984	2322	2182	2062	2016	102.28	

RLL:1:cm:251:d57

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-62
Functional Class Principal Arterial

Route U.S. 93, N. of Elmo
Traffic Type ~~Primary - Rural~~

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	1911	339	17.7	320	16.8	309	16.2	299	15.7				
1987	2062	381	18.5	332	16.1	322	15.6	312	15.1				

RLL:1:jm:251a58